

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
15 kDa selenoprotein	AF051894	6	3	3	+	+	+	+	+
16.7Kd protein (LOC51142),	Hs.180859	1	1	0	+	+	+	+	+
18S rRNA gene	K03432.1	1	1	0	+	+	+	+	+
19A24 protein	AA381714	2	2	0		+	+	+	+
2,3-bisphosphoglycerate mutase	Hs.198365	1	0	1	+	+	+	+	+
2',5'-oligoadenylate synthetase 1 (40-46 kD)	D00068	1	1	0	+	+	+	+	+
2'-5'-oligoadenylate synthetase 2 (69-71 kD)	M87434	4	4	0	+	+	+	+	+
2'-5'-oligoadenylate synthetase 3 (100 kD)	AA312111	3	2	1	+	+	+	+	+
2'-5'-oligoadenylate synthetase-like	AJ225089	1	1	0	+				+
26S proteasome P100 protein	E12795	1	0	1					
26S proteasome-associated pad1 homolog	U86782	1	0	1	+	+	+	+	+
30 kDa protein (LOC55831),	Hs.283714	4	4	0	+		+	+	+
3-oxoacid CoA transferase	U62961	1	1	0	+	+	+	+	+
3'-phosphoadenosine 5'-phosphosulfate synthase 1	U53447	2	2	0					
3-phosphoinositide dependent protein kinase-1 (PDPK1),	Hs.154729	2	1	1	+	+	+	+	+
4-aminobutyrate aminotransferase (ABAT), nuclear gene encoding mitochondrial protein,	Hs.1588	1	0	1		+	+		
4F2 glycosylated heavy chain (4F2HC) antigen	M21898	1	1	0					
4-nitrophenylphosphatase homologue (PNPPASE)	U97001	1	1	0					
5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase)	L38928	1	0	1	+	+	+	+	+
52 KD RO PROTEIN (SJOGREN SYNDROME TYPE A ANTIGEN (SS-A)) (RO (SS-A))	P19474	1	1	0					
5'-3' exoribonuclease 2	AI539270	7	7	0	+	+	+	+	+
5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	D82348	2	2	0	+	+	+	+	+
5-methylaminomethyl-2-thiouridylate-methyltransferase gene, complete cds	AF448221.1	1	1	0					
5'-nucleotidase (purine), cytosolic type B	D38524	3	3	0	+	+	+	+	+
5'-nucleotidase, cytosolic III; uridine 5' monophosphate hydrolase 1; pyrimidine 5'-nucleotidase mRNA sequence	Hs.55189	1	0	1	+	+	+	+	+
60S ribosomal protein L30 isolog(LOC51187),	Hs.284162	1	1	0	+	+	+	+	+
6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	AF056320	3	1	2	+	+	+	+	+
6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	D49818	3	2	1			+	+	+
8-oxoguanine DNA glycosylase	U96710	1	1	0	+	+	+	+	+
a disintegrin and metalloproteinase domain 10	AA044656	2	2	0	+	+	+	+	+
a disintegrin and metalloproteinase domain 28	AJ242015	2	2	0					+
a disintegrin and metalloproteinase domain 8	P78325	1	1	0			+		+
A kinase (PRKA) anchor protein (yotiao) 9	Hs.58103	1	1	0	+	+	+	+	+
A kinase (PRKA) anchor protein 1	X97335	4	3	1	+	+	+	+	+
A kinase (PRKA) anchor protein 10	AF037439	1	1	0	+	+	+	+	+
A kinase (PRKA) anchor protein 8	Y11997	2	2	0		+	+	+	+
A4 differentiation-dependent protein (A4), triple LIM domain protein (LMO6), and synaptophysin (SYP); calcium channel alpha-1 subunit (CACNA1F)	U93305	1	1	0					
ABL and putative M8604 Met protein	U07561	1	1	0					
absent in melanoma 1	U83115	1	1	0		+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
accessory proteins BAP31/BAP29	X81109	2	2	0	+	+	+	+	+
acetylcholinesterase(ACHE) gene, partial cds; ASR2 (ASR2) gene, complete cds,alternatively spliced; thyroid receptor interacting protein 6 (TRIP6) gene, complete cds; cation-chloride cotransporter (CIP1) gene, complete cds, alternatively>	AF312032	1	1	0					
acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)	X12966	2	2	0	+	+	+	+	+
acetyl-Coenzyme A transporter=SLC33A1 Solute carrier family 33 (acetyl-CoA transporter), member 1	D88152	1	1	0	+	+	+	+	+
acetylserotonin O-methyltransferase-like	Y15521	1	1	0					
Acid cluster protein 33	AA386175	1	1	0	+	+	+	+	+
acid phosphatase 1, soluble	M83653	1	0	1	+	+	+	+	+
acidic 82 kDa protein mRNA	U15552	7	6	1	+	+	+	+	+
acidic protein rich in leucines=ANP32B Acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	Y07969	1	1	0	+	+	+	+	+
Acid-inducible phosphoprotein=LUC7A Cisplatin resistance-associated overexpressed protein	R18666	1	1	0	+	+	+	+	+
aconitase 2, mitochondrial	U80040	1	1	0	+	+	+	+	+
acrosin binding protein (ACRBP),	Hs.20029	1	1	0		+		+	+
actin binding LIM protein 1	D31883	6	5	1	+	+	+	+	+
actin binding protein; macrophin (microfilament and actin filament cross-linker protein)=MACF1 Microtubule-actin crosslinking factor 1	AB007934	1	1	0	+	+	+	+	+
actin related protein 2/3 complex, subunit 1A (41 kD)=ARPC1B	AF006084	10	8	2	+	+	+	+	+
actin related protein 2/3 complex, subunit 2 (34 kD)	AF006085	9	5	4	+	+	+	+	+
Actin related protein 2/3 complex, subunit 3 (21 kD)	NM_005719	4	3	1	+	+	+	+	+
actin related protein 2/3 complex, subunit 4 (20 kD)	AF006087	3	3	0	+	+	+	+	+
actin related protein 2/3 complex, subunit 5 (16 kD)	AF006088	27	22	5	+	+	+	+	+
actin, alpha 1, skeletal muscle=ACTA1	J00068	1	0	1	+	+	+	+	+
actin, beta (ACTB)	NM_001101	157	116	41	+	+	+	+	+
actin, gamma 1 (ACTG1)	NM_001614	72	55	14	+	+	+	+	+
actinin, alpha 1 (ACTN1)	NM_001102	14	8	6	+	+	+	+	+
actinin, alpha 4	D89980	5	4	1	+	+	+	+	+
activated p21cdc42Hs kinase=ACK1	L13738	1	1	0	+	+	+		+
activated RNA polymerase II transcription cofactor 4	X79805	1	1	0	+	+	+	+	+
activating transcription factor 1	X55544	1	1	0					
activating transcription factor 2	X15875	2	1	1	+	+		+	+
activating transcription factor 4 (tax-responsive enhancer element B67)	M86842	6	5	1	+	+	+	+	+
activating transcription factor 6	AF005887	1	1	0	+	+	+	+	+
activator of S-phase kinase-like protein 1 (ASKL1),=DRF1 Dbf4-related factor 1	NM_025104.1	1	1	0	+	+	+		+
Activin A receptor, type IB	AW026270	1	0	1	+	+	+	+	+
activity-dependent neuroprotector; activity-dependent neuroprotective protein	Hs.3657	3	0	3	+	+	+	+	+
acute myelogenous leukemia cell (FAB M1) Baylor-HGSC project=TCAA Homo sapiens cDNA clone TCAAP8468=FLJ35698 fis	BM148149.1	2	2	0	+			+	+
acyl-CoA oxidase (AOX)	U03254	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
acyl-Coenzyme A dehydrogenase family, member 8 (ACAD8),	Hs.14791	2	2	0	+	+	+	+	+
Acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain	NM_000016	4	2	2	+	+	+	+	+
acyl-Coenzyme A dehydrogenase, very long chain	D43682	4	4	0	+	+	+	+	+
acyl-Coenzyme A oxidase 1, palmitoyl	X71440	2	1	1	+	+	+	+	+
acyl-Coenzyme A oxidase 3, pristanoyl	Y11411	2	2	0	+	+	+	+	+
acyloxyacyl hydrolase (neutrophil)	M62840	4	4	0	+	+	+	+	+
AD-015 protein (LOC55829),	Hs.32148	1	1	0	+	+	+	+	+
AD023 protein	AA310287	2	2	0	+		+	+	+
AD037 protein	AA323534	3	3	0	+	+	+	+	+
adaptor-related protein complex 1, gamma 1 subunit	Y12226	1	1	0	+	+	+	+	+
adaptor-related protein complex 1, gamma 2 subunit	AF068706	1	1	0	+	+	+	+	+
adaptor-related protein complex 2, alpha 1 subunit	Hs.296426	1	1	0	+	+	+	+	+
adaptor-related protein complex 2, mu 1 subunit	U36188	5	4	1	+	+	+	+	+
adaptor-related protein complex 3, delta 1 subunit	U91930	5	2	3	+	+	+	+	+
Adaptor-related protein complex 3, mu 1 subunit	M85423	2	0	2	+	+	+	+	+
adaptor-related protein complex 3, sigma 1 subunit (AP3S1)	NM_001284	2	0	2	+	+	+	+	+
adaptor-related protein complex 3, sigma 2 subunit	X99459	2	2	0	+	+	+	+	+
adaptor-related protein complex 4, mu 1 subunit	Y08387	1	1	0	+	+	+	+	+
adducin 1 (alpha)	S70314	4	3	1	+	+	+	+	+
adducin 3 (gamma)	U37122	7	6	1	+	+	+	+	+
adenosine deaminase,RNA-specific (ADAR), transcript variant ADAR-c	NM_015841	11	6	5	+	+	+	+	+
Adenosine monophosphate deaminase 2 (isoform L)	NM_004037	11	10	1	+	+	+	+	+
adenylate cyclase 3	AF033861	2	2	0	+	+	+	+	+
adenylate cyclase 7	D25538	1	1	0	+	+	+	+	+
adenylate kinase 2	U84371	3	3	0	+	+	+	+	+
adenylate kinase 3	X60673	1	1	0	+	+	+	+	+
Adenylosuccinate lyase	NM_000026	2	1	1	+	+	+	+	+
adenylosuccinate synthase	X66503	3	2	1	+	+	+	+	+
adenylyl cyclase-associated protein (CAP)	NM_006367	38	30	8	+	+	+	+	+
adhesion glycoprotein	U56102	1	0	1				+	
adipose differentiation-related protein	X97324	1	1	0	+	+	+	+	+
ADP-ribose pyrophosphatase NUDT9 (NUDT9) mRNA, complete cds	AY026252.1	1	0	1	+	+	+	+	+
ADP-ribosylation factor 1	M36340	16	14	2	+	+	+	+	+
ADP-ribosylation factor 3	NM_001659	3	2	1	+	+	+	+	+
ADP-ribosylation factor 4	M36341	3	3	0	+	+	+	+	+
ADP-ribosylation factor 5	M57567	1	1	0	+	+	+	+	+
ADP-ribosylation factor 6	AF047432	1	1	0	+	+	+	+	+
ADP-ribosylation factor binding protein GGA1	AA405939	2	2	0	+	+	+	+	+
ADP-ribosylation factor domain protein 1, 64kD	L04510	1	1	0	+			+	
ADP-ribosylation factor GTPase activating protein 1	AA223442	1	1	0	+		+	+	+
ADP-ribosylation factor-like 5 (ARL5), A131	Hs.342849	1	1	0	+	+	+	+	+
ADP-ribosyltransferase (NAD ⁺ ; poly (ADP-ribose) polymerase)	M18112	6	5	1	+	+	+	+	+
ADP-ribosyltransferase (NAD ⁺ ; poly (ADP-ribose) polymerase)-like 1	AF158255	1	0	1	+	+	+	+	+
adrenergic, beta, receptor kinase 1	U08438	3	2	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
adrenergic, beta, receptor kinase 2 (ADRBK2), mRNA	Hs.13944	1	1	0	+	+	+	+	+
AE-binding protein 1	D86479	1	1	0	+	+	+		+
AF150229 mRNA from cd34 stem cells cDNA clone CBFAPC07,	Hs.431367	1	0	1					
AFG3L1 isoform 1 mRNA, partial sequence /cds=UNKNOWN /gb=AF329691	Hs.337620	1	0	1	+		+	+	+
A-gamma-globin	J00176	3	2	1	+	+	+	+	+
AHNAK nucleoprotein (desmoyokin)	M80899	5	5	0	+	+	+	+	+
alanyl (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13, p150)	M22324	2	2	0		+	+	+	+
alcohol dehydrogenase 5 (class III), chi polypeptide	M29872	1	1	0	+	+	+	+	+
alcohol dehydrogenase/ribitol dehydrogenase homologue	AA314515	13	11	2	+	+	+	+	+
aldehyde dehydrogenase 1 family, member A1	AF003341	1	1	0	+	+	+	+	+
Aldehyde dehydrogenase 2 family (mitochondrial)	NM_000690	5	0	5	+	+	+	+	+
aldehyde dehydrogenase 3 family, member A2	U46689	1	1	0	+	+	+	+	+
aldo-keto reductase family 1, member A1 (aldehyde reductase)	J04794	2	2	0	+	+	+	+	+
aldo-keto reductase family 1, member B1 (aldose reductase)	J05017	4	3	1	+	+	+	+	+
aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)	D17793	1	1	0	+	+	+	+	+
aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)	Y16675	1	1	0	+	+	+	+	+
aldolase A, fructose-bisphosphate	X05236	13	9	4	+	+	+	+	+
aldolase C, fructose-bisphosphate	AF054987	3	2	1	+	+	+	+	+
Alg5, S. cerevisiae, homolog of	AF102850	1	0	1	+	+	+	+	+
alkaline phosphatase, liver/bone/kidney	X14174	4	2	2	+		+	+	+
allograft inflammatory factor 1 (AIF1), transcript variant 2, A155	Hs.76364	1	1	0		+	+	+	+
alpha gene sequence	AF203815.1	7	0	7		+			
alpha globin psi-alpha-1, alpha-2 and alpha-1 (non-exact, 76%)	J00153	1	1	0	+	+	+	+	+
alpha thalassemia/mental retardation syndrome X-linked (RAD54 (S. cerevisiae) homolog)	U75653	4	3	1					
alpha-2 macroglobulin	Z11711	1	1	0	+	+	+	+	+
alpha-2-globin	V00516	3	3	0	+	+	+	+	+
alpha-2-macroglobulin receptor/lipoprotein receptor protein (A2MR/LRP)	U06985	1	1	0					
alpha-enolase non-neuronal enolase (EC 4.2.1.11)	X16290	2	1	1					
alpha-subunit of Gi2 a (GTP-binding signal transduction protein)	X07854	1	1	0					
alph-D-mannosidase=Mannosidase 2, alpha B2	AB006458	1	1	0		+	+	+	+
ALS2CR12 mRNA, Amyotrophic lateral sclerosis 2 complete cds	Hs.107944	1	1	0				+	+
aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (AASDHPPT)	Hs.64595	2	1	1	+	+	+	+	+
aminolevulinate, delta-, dehydratase	S99468	2	1	1	+	+	+	+	+
aminolevulinate, delta-, synthase 1	X56351	2	1	1	+	+	+	+	+
aminopeptidase puromycin sensitive	Y07701	1	1	0	+	+	+	+	+
amino-terminal enhancer of split	U04241	5	5	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
AMP deaminase isoform L (AMPD2) gene, alternatively spliced products, exons 2 through 18 and complete cds	U16272.2	1	0	1	+	+	+	+	+
amphiphysin (Stiff-Mann syndrome with breast cancer 128kD autoantigen)	P49418	5	5	0	+	+	+		+
amplified in osteosarcoma	AB002806	7	7	0	+	+	+	+	+
amyloid beta (A4) precursor protein-binding, family A, member 2 (X11-like)	AF047348	1	0	1	+		+		+
amyloid beta (A4) precursor protein-binding, family B, member 1 (Fe65)	L77864	1	1	0	+	+	+	+	+
Amyloid beta (A4) precursor-like protein 2	L23113	9	7	2	+	+	+	+	+
amyloid beta (A4) precursor protein (protease nexin-II, Alzheimer disease)(APP)	NM_000484	1	0	1	+	+	+	+	+
amyloid beta precursor protein (cytoplasmic tail)-binding protein 2	AF017782	1	1	0	+	+	+	+	+
amyloid beta precursor protein-binding protein 1, 59kD	AA126860	1	1	0					
AMYLOID-LIKE PROTEIN 2 PRECURSOR (AMYLOID PROTEIN HOMOLOG) (APPH) (CDEI-BOX BINDING PROTEIN) (CDEBP) (=L23114)	Q06481	1	0	1	+	+	+	+	+
amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2	AA010516	1	1	0	+	+	+	+	+
amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3	AB011121	3	3	0	+	+	+	+	+
anaphase-promoting complex subunit 5 (APC5)	NM_016237	7	4	3	+	+	+	+	+
ancient ubiquitous protein 1(AUP1),	Hs.173736	2	2	0	+	+	+	+	+
androgen receptor associated coregulator 267-b (ARA267b)	Hs.99010	3	2	1	+	+	+	+	+
androgen-induced prostate proliferative shutoff associated protein (AS3)	NM_015928	1	0	1	+	+	+	+	
Angiotensin II, type I receptor-associated protein	AA336522	1	1	0	+	+	+	+	+
angiotensinogen (AGT)	M24686	1	1	0	+	+	+	+	+
ankyrin 3, node of Ranvier (ankyrin G)	U43965	1	1	0	+	+	+	+	+
Ankyrin repeat and BTB (POZ) domain containing 1	AF297986.1	5	4	1	+	+	+	+	+
Ankyrin repeat and SOCS box-containing 1	Hs.153489	1	1	0	+	+	+	+	+
Ankyrin repeat, family A (RFXANK-like), 2	AA206737	1	1	0	+	+	+		+
Annexin A1	Hs.78225	8	1	7	+	+	+	+	+
annexin A11	L19605	2	0	2	+	+	+	+	+
annexin A2	D00017	11	11	0	+	+	+	+	+
annexin A3 (ANXA3)	NM_005139	6	0	6	+	+	+	+	+
annexin A4	M19383	1	1	0	+	+	+	+	+
annexin A5	M19384	6	4	2	+	+	+	+	+
annexin A6	D00510	7	7	0	+	+	+	+	+
annexin A7	J04543	1	1	0	+	+	+	+	+
ANTIBACTERIAL PROTEIN FALL-39 PRECURSOR (FALL-39 PEPTIDE ANTIBIOTIC) (ANTIMICROBIAL PROTEIN CAP-18) (LL-37)	P49913	1	0	1					
antigen identified by monoclonal antibodies 12E7, F21 and O13=CD99	X16996	3	3	0	+	+	+	+	+
anti-oxidant protein 2 (non-selenium glutathione peroxidase, acidic calcium-independent phospholipase A2)	D14662	1	1	0	+	+	+	+	+
antizyme inhibitor	D88674	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
AP1 gamma subunit binding protein 1	AA587098	2	1	1	+	+	+	+	+
AP-2 repressor	Hs.23510	1	1	0	+	+	+	+	+
Apaf-1 gene, promoter region	AB070829.1	1	0	1	+	+	+		
APEX nuclease (multifunctional DNA repair enzyme)	S43127	6	6	0	+	+	+	+	+
Apg12 (autophagy 12, <i>S. cerevisiae</i>)-like	AB017507	2	1	1	+	+	+	+	+
APG5 (autophagy 5, <i>S. cerevisiae</i>)-like	NM_004849	2	2	0	+	+	+	+	+
apolipoprotein B48 receptor (APOB48R),	Hs.200333	5	4	1				+	+
apolipoprotein L	AF019225	2	2	0	+	+	+	+	+
apoptosis antagonizing transcription factor (DED),	Hs.16178	1	1	0	+	+	+	+	+
apoptosis inhibitor 2 (API2)	5685865	1	0	1		+	+	+	+
apoptosis inhibitor 5	U83857	2	2	0	+	+	+	+	+
apoptosis regulator (LOC51283),	Hs.168159	2	2	0	+	+	+	+	+
apoptosis-inhibitor-like protein mRNA, complete cds	AF332505.1	2	2	0	+	+	+	+	+
apoptotic protease activating factor	AF013263	2	1	1	+	+		+	
aquaporin 3	AB001325	1	1	0					
aquaporin 9	AB008775	15	10	5		+	+	+	+
arachidonate 12-lipoxygenase	M62982	2	1	1				+	+
arachidonate 5-lipoxygenase	J03600	3	1	2	+		+		+
arachidonate 5-lipoxygenase-activating protein	X52195	5	4	1					
arachidonate 5-lipoxygenase-activating protein; five-lipoxygenase activating protein; MK-886-binding protein	Hs.100194	2	0	2			+	+	+
archain 1	X81198	1	1	0					
are1 & rps18 genes, intergenic region	AJ223319	1	1	0					
arginase, liver	M14502	2	0	2		+		+	+
arginine-glutamic acid dipeptide (RE) repeats	AB007927	4	2	2	+	+	+	+	+
arginyl aminopeptidase(aminopeptidase B)-like 1 (RNPEPL1),	Hs.53451	2	2	0	+	+		+	+
argonaute 4	Hs.134757	5	1	4			+	+	+
ARHGAP9 gene for rho-GTPase activating protein, complete cds	AB051853.1	2	1	1	+		+	+	+
ariadne (<i>Drosophila</i>) homolog 2	AA037199	4	3	1	+	+	+	+	+
Ariadne (<i>Drosophila</i>) homolog, ubiquitin-conjugating enzyme E2-binding protein, 1	AJ009771	2	1	1	+	+	+	+	+
ARP1 (actin-related protein 1, yeast) homolog A (centractin alpha)	X82206	3	2	1	+	+	+	+	+
ARP2 (actin-related protein 2, yeast) homolog	AF006082	16	13	3	+	+	+	+	+
ARP2/3 COMPLEX 34 KD SUBUNIT(P34-ARC)	O15144	1	1	0					
ARP3 (actin-related protein 3, yeast) homolog	AF006083	16	11	5	+	+	+	+	+
arrestin, beta 2	Z11501	2	1	1	+	+	+	+	+
arsA (bacterial) arsenite transporter, ATP-binding, homolog 1	AF047469	1	1	0	+	+	+	+	+
arsenate resistance protein ARS2	AF082871	1	0	1	+	+	+	+	+
ART-4 mRNA, complete cds	AB026125.1	2	2	0					
aryl hydrocarbon receptor nuclear translocator-like	AF044288	2	2	0	+	+	+	+	+
aryl hydrocarbon receptor-interacting protein	U31913	1	1	0	+	+	+	+	+
arylsulfatase A	X52151	1	1	0	+	+	+	+	+
ASB-3 protein	AF156778	1	0	1	+		+	+	+
ASC-1 complex subunit P100 mRNA, complete cds	AY013289.1	3	3	0	+		+	+	+
ash2 (absent, small, or homeotic, <i>Drosophila</i> , homolog)-like	AF056718	3	2	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
asialoglycoprotein receptor 2	M11025	1	1	0			+	+	+
Asparaginyl-tRNA synthetase	AA314303	7	6	1	+	+	+	+	+
aspartyl aminopeptidase	AA055776	1	1	0	+	+	+	+	+
aspartyl-tRNA synthetase	Hs.125453	2	1	1	+	+	+	+	+
associated molecule with the SH3 domain of STAM	U73522	1	0	1	+	+	+	+	+
ataxin 2 related protein	AF034373	1	1	0					
AT-hook transcription factor AKNA (AKNA), mRNA	NM_030767.1	2	2	0	+	+	+		+
ATP citrate lyase	U18197	1	0	1	+	+	+	+	+
ATP synthase, H transporting, mitochondrial F1 complex, epsilon subunit (ATP5E), mRNA	XM_009585.3	1	0	1					
ATP synthase, H transporting, mitochondrial F1 complex, O subunit(oligomycin sensitivity conferring protein) (ATP5O)	NM_001697	1	0	1	+	+	+	+	+
ATP synthase, H transporting, mitochondrial precursor; ATP synthase, H transporting (ATPase, mitochondrial); ATP synthase coupling factor 6	Hs.73851	2	0	2	+	+	+	+	+
ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1	X60221	2	1	1	+	+	+	+	+
ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 1	X69907	2	2	0					
ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit, isoform 1, cardiac muscle	X59066	9	8	1	+	+	+	+	+
ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide	X03559	8	5	3	+	+	+	+	+
ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit	AA429173	2	2	0	+	+	+	+	+
ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide 1	D16563	2	2	0	+	+	+	+	+
ATP synthase, H+ transporting, mitochondrial F1F0, subunit g	AF092124	2	1	1	+	+	+	+	+
ATP/GTP-binding protein(HEAB)	NM_006831	4	2	2	+	+	+	+	+
ATPase II, complete cds	Hs.144931	1	1	0	+				
ATPase, aminophospholipid transporter-like, Class I, type 8A, member 2	AA934530	1	1	0	+	+	+	+	+
ATPase, Ca++ transporting, plasma membrane 1	J04027	1	0	1	+	+	+	+	+
ATPase, Ca++ transporting, plasma membrane 4	AA099905	3	3	0					
ATPase, Ca++ transporting, ubiquitous	Z69880	6	5	1		+	+	+	+
ATPase, Class VI, type 11A	AA235037	1	1	0	+	+	+	+	+
ATPase, Class VI, type 11B	AB023173	1	0	1	+	+		+	+
ATPase, Cu++ transporting, alpha polypeptide (Menkes syndrome)	L06133	1	1	0	+	+	+	+	+
ATPase, H transporting, lysosomal(vacuolar proton pump), subunit 1 (ATP6S1),	Hs.6551	1	1	0		+	+	+	+
ATPase, H transporting, lysosomal (vacuolar proton pump) 9kD (ATP6H)	NM_003945	1	0	1	+	+	+	+	+
ATPase, H+ transporting, lysosomal (vacuolar proton pump) 21kD	NM_004047	5	2	3	+	+	+	+	+
ATPase, H+ transporting, lysosomal (vacuolar proton pump) 31kD	X76228	1	1	0	+	+	+	+	+
ATPase, H+ transporting, lysosomal (vacuolar proton pump) 42kD	X69151	5	5	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) membrane sector associated protein M8-9	AA298119	4	3	1	+	+	+	+	+
ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) non-catalytic accessory protein 1A (110/116kD)	Z71460	2	1	1	+	+	+	+	+
ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump), alpha polypeptide, 70kD, isoform 1	L09235	4	3	1	+	+	+	+	+
ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD, isoform 2	L35249	11	7	4					
ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump), member D	X71490	5	5	0					
ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump), member J	AF038954	2	2	0					
ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump), subunit 1	D16469	1	1	0					
ATPase, H ⁺ /K ⁺ exchanging, alpha polypeptide	J05451	1	1	0					
ATP-binding cassette A5 mRNA,	Hs.180513	2	2	0	+	+	+	+	+
ATP-binding cassette, sub-family A (ABC1), member 4	U88667	1	1	0	+	+	+	+	
ATP-binding cassette, sub-family B (MDR/TAP), member 10	NM_012089	1	0	1			+	+	+
ATP-binding cassette, sub-family B (MDR/TAP), member 8	AF047690	1	1	0	+	+	+	+	+
ATP-binding cassette, sub-family C (CFTR/MRP), member 1	L05628	1	0	1	+	+	+	+	+
ATP-binding cassette, sub-family C (CFTR/MRP), member 3	Y17151	2	1	1			+	+	+
ATP-binding cassette, sub-family C (CFTR/MRP), member 5 (ABCC5)	NM_005688	1	0	1	+		+	+	+
ATP-binding cassette, sub-family D (ALD), member 2	AJ000327	1	1	0					
ATP-binding cassette, sub-family D (ALD), member 4	Y14322	3	2	1					
ATP-binding cassette, sub-family E (OABP), member 1	X76388	2	2	0	+	+	+	+	+
ATP-binding cassette, sub-family F (GCN20), member 1	AF027302	2	2	0	+	+	+	+	+
ATP-binding cassette, sub-family G (WHITE), member 1	X91249	1	1	0	+		+	+	+
ATP-dependent RNA helicase	AJ010840	2	1	1	+	+	+	+	+
autoantigen	U17474	1	1	0	+	+	+	+	+
autoantigen La/SS-B	Z35127	1	1	0					
Autosomal Highly Conserved Protein	AA330427	1	1	0	+	+	+	+	+
axin 1	AF009674	1	1	0	+	+		+	+
AXIN1 up-regulated (AXUD1),	Hs.6607	1	1	0	+	+	+	+	+
AXIN2 (AXIN2)	AF205888	2	1	1	+	+	+	+	+
B aggressive lymphoma gene (BAL),	Hs.47783	4	3	1		+	+	+	+
B cell RAG associated protein (BRAG)	NM_014863	2	1	1	+	+	+	+	+
B9 protein	AA256667	1	1	0		+	+	+	+
bactericidal/permeability-increasing protein	Y14217	3	0	3					
baculoviral IAP repeat-containing 1	U19251	3	3	0	+	+		+	+
baculoviral IAP repeat-containing 2	L49431	1	1	0	+	+	+	+	+
baculoviral IAP repeat-containing 5 (survivin)	U75285	1	1	0					
Baculoviral IAP repeat-containing 6	AA315620	3	3	0	+	+	+	+	+
BAF180 (BAF180)	Hs.44143	2	1	1	+	+	+	+	+
BAI1-associated protein 3 (non-exact 54%)	AB017111	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
band 7.2b stomatin	U33931	1	0	1					
BANP homolog, SMAR1 homolog	AA292029	2	2	0	+	+	+	+	+
Bardet-Biedl syndrome 2	AA355548	1	1	0	+	+	+	+	+
Bardet-Biedl syndrome 4 (BBS4),	Hs.26471	2	1	1	+	+	+	+	+
basement membrane-induced gene	AF044896	8	6	2	+	+	+	+	+
basic helix-loop-helix domain containing, class B, 2	AB004066	2	2	0	+	+	+	+	+
basic leucine zipper nuclear factor 1 (JEM-1)	U79751	2	2	0	+		+	+	+
basic transcription factor 2 p44 (btf2p44) gene, partial cds, neuronal apoptosis inhibitory protein (naip) and survival motor neuron protein (smn) genes, complete cds	U80017.1	2	1	1					
basic transcription factor 3	X74070	6	5	1	+	+	+	+	+
basic transcription factor 3a (BTF3a)	M90352	1	0	1					
basigin (OK blood group)	L10240	1	1	0	+	+	+	+	+
B-cell associated protein, clone MGC:17479 IMAGE:3452360, mRNA, complete cds	Hs.7771	2	2	0	+	+	+	+	+
B-cell CLL/lymphoma 6 (zinc finger protein 51)	U00115	2	1	1	+	+		+	+
B-cell CLL/lymphoma 9	Y13620	1	1	0	+	+	+	+	+
B-cell receptor associated protein	U47924	1	1	0					
B-cell translocation gene 1, anti-proliferative (BTG1)	NM_001731	4	1	3	+	+	+	+	+
BCL2/adenovirus E1B 19kD-interacting protein 2	NM_004330	4	1	3	+	+	+	+	+
BCL2/adenovirus E1B 19kD-interacting protein 3-like	AF067396	3	2	1	+	+	+	+	+
BCL2-antagonist/killer 1	U23765	1	1	0	+	+	+	+	+
BCL2-associated athanogene 4	H79217	1	1	0	+	+	+	+	+
BCL2-associated athanogene 5	AB020680	2	2	0	+	+	+	+	+
BCL2-related protein A1	U29680	2	0	2			+	+	
BCL-6 corepressor (BCOR) mRNA, complete cds; alternatively spliced	Hs.130732	2	2	0				+	+
Bcl-x protein	D30746	1	1	0					
BCM-like membrane protein precursor(SBBI42),	Hs.20450	1	1	0	+			+	+
beaded filament component protein (CP49) gene, partial cds	AF195044.1	1	1	0					
beclin 1 (coiled-coil, myosin-like BCL2-interacting protein)	AF077301	5	5	0	+	+	+	+	+
benzodiazapine receptor (peripheral)	U12421	2	0	2					
beta-2-microglobulin(B2M)	NM_004048	178	110	68	+	+	+	+	+
beta-amyloid binding protein precursor	AA143062	1	1	0	+	+	+	+	+
beta-galactoside alpha 2,6-sialyltransferase (=X62822;X17247;x54363)	L11720	2	2	0	+	+	+	+	+
betal integrin (=X07979 fibronectin receptor beta subunit)	X68969	1	1	0					
beta-subunit of signal transducing proteins Gs/Gi (beta-G)	X04526	7	5	2					
beta-transducin repeat containing	Y14153	3	3	0	+	+	+	+	+
BH3 interacting domain death agonist (BID)	NM_001196	1	0	1	+	+	+	+	+
binder of Arl Two (BART1)	NM_012106	4	2	2	+	+	+	+	+
BING4	Z97184	1	1	0					
biotinidase (non-eact 62%)	U03274	3	3	0	+	+	+	+	+
BIOTINIDASE PRECURSOR (low match)	P43251	2	2	0					
biphenyl hydrolase-like (serine hydrolase; breast epithelial mucin-associated antigen)	X81372	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Bit mRNA, complete cds /cds=(27,1541)	Hs.156114	4	3	1	+	+	+	+	+
bladder cancer associated protein	AF053470	2	2	0	+	+	+	+	+
bladder cancer overexpressed protein (BLOV1),	Hs.125830	1	1	0				+	+
bleomycin hydrolase	X92106	1	1	0	+	+	+	+	+
B-lymphocyte cell-surface antigen B1 (CD20)	M27394	1	0	1					
BM-021	AF208863	2	1	1	+	+	+	+	+
bone marrow stromal cell antigen 1	D21878	1	1	0		+	+	+	
brain-specific angiogenesis inhibitor 2 (BAI2),	Hs.200586	1	1	0	+	+	+		+
branched chain keto acid dehydrogenase E1, alpha polypeptide (maple syrup urine disease)	Z14093	4	4	0	+	+	+	+	+
BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)	D87462	2	2	0	+	+	+	+	+
BRCA1, Rho7 and vat1 genes, and ipf35	L78833	1	1	0					
BRCA2 and CDKN1A-interacting protein (BCCIP), transcript variant C,	Hs.279862	1	1	0	+	+	+	+	+
BRCA2 region, mRNA sequence CG006 /cds=UNKNOWN	Hs.110630	1	1	0	+		+	+	+
Breakpoint cluster region protein, uterine leiomyoma, 1; barrier to autointegration factor	AF044773	3	2	1	+	+	+	+	+
Breakpoint cluster region protein, uterine leiomyoma, 2	AF044774	3	3	0	+	+	+	+	+
breast cancer anti-estrogen resistance 3 (BCAR3)	NM_003567	2	1	1	+	+	+	+	+
breast cancer metastasis-suppressor 1 (BRMS1) mRNA, complete cds	Hs.100426	2	1	1	+		+	+	+
Breast carcinoma amplified sequence 2	NM_005872	1	0	1	+	+	+	+	+
brefeldin A-inhibited guanine nucleotide-exchange protein 1 (BIG1),	Hs.94631	3	2	1	+	+	+	+	+
BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like (BRF2),	Hs.274136	4	4	0	+	+	+	+	+
bridging integrator 1	AF004015	11	11	0	+	+	+	+	+
bridging integrator 2	AF146531	5	4	1	+		+	+	+
bromodomain adjacent to zinc finger domain, 1A (BAZ1A),	Hs.8858	1	1	0	+	+	+	+	+
Bromodomain adjacent to zinc finger domain, 1B	AB032253	1	0	1					
bromodomain adjacent to zinc finger domain, 2A	AB002312	4	3	1	+	+	+	+	+
Bromodomain adjacent to zinc finger domain, 2B	AA306231	1	1	0	+		+	+	+
bromodomain and PHD finger containing, 1	M91585	3	3	0	+	+		+	+
bromodomain containing 7; bromodomain protein; bromodomain-containing 7	Hs.279762	2	1	1	+	+	+	+	+
bromodomain-containing 2	X96670	5	4	1					
bromodomain-containing 4	Y12059	2	2	0	+	+	+	+	+
Bruton agammaglobulinemia tyrosine kinase (BTK)	NM_000061	8	5	3	+	+		+	+
BS4	AF108083	4	4	0					
BTB and CNC homology 1, basic leucine zipper transcription factor 1	AB002803	4	0	4		+	+	+	+
BTB and CNC homology 1, basic leucine zipper transcription factor 2	AA885077	1	1	0	+	+		+	+
BTG family, member 2	U72649	19	9	10	+	+	+	+	+
BUB3 (budding uninhibited by benzimidazoles 3, yeast) homolog	AF047473	4	4	0	+	+	+	+	+
butyrate response factor 1 (EGF-response factor 1)	X79067	4	4	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
butyrophilin, subfamily 2, member A1, isoform 2 precursor; DJ3E1.1; BK14H9.1; butyrophilin BTF1 precursor mRNA sequence	Hs.169963	2	1	1	+	+	+	+	+
butyrophilin, subfamily 3, member A1	Y07827	5	5	0	+	+	+	+	+
butyrophilin, subfamily 3, member A2	U90546	4	4	0	+	+		+	+
butyrophilin, subfamily 3, member A3	U97502	8	6	2					
butyrophilin-like 3	AB020625	1	1	0					
C18B11 homolog (44.9kD)	H26499	1	1	0	+	+	+	+	+
C18orf2 gene, complete cds	AF306520.1	1	1	0					
C1orf22 Chromosome 1 open reading frame 22	Hs.301997	2	2	0					
C20orf67 Chromosome 20 open reading frame 67	Hs.272814	1	1	0	+	+	+	+	+
C21orf57 isoform A protein (C21orf57) mRNA, partial cds, alternatively spliced	Hs.58668	1	0	1		+	+		+
C21orf7 form A-D	AA465454	2	2	0	+	+	+	+	+
C3H-type zinc finger protein; similar to D. melanogaster muscleblind B protein (MBLL),	Hs.184340	1	1	0					
C9orf10 protein	D80005	6	4	2	+	+	+	+	+
CAGF28	U80735	1	0	1	+	+	+	+	+
calcineurin binding protein 1	AB002328	1	1	0	+	+	+	+	+
calcium and integrin binding protein (DNA-dependent protein kinase interacting protein)	AB021866	1	0	1					
Calcium binding atopy-related autoantigen 1	AA324981	1	1	0	+	+	+	+	+
calcium channel, voltage-dependent, L type, alpha 1D subunit	M83566	1	1	0	+			+	+
calcium transport ATPase ATP2C1 (ATP2C1A) mRNA, complete cds	Hs.106778	1	1	0	+	+	+	+	+
calcium/calmodulin-dependent protein kinase II	U66064	1	1	0	+	+	+	+	+
calcium/calmodulin-dependent protein kinase kinase 2, beta	AF140507	4	2	2					
caldesmon 1	D90453	1	1	0	+	+	+	+	+
calmodulin 1 (phosphorylase kinase, delta) (CALM1)	NM_006888	11	7	4	+	+	+	+	+
calmodulin 2 (phosphorylase kinase, delta)	D45887	12	8	4	+	+	+	+	+
Calnexin	N25670	7	5	2	+	+	+	+	+
calpain 1, (mu/l) large subunit	X04366	6	6	0	+	+	+	+	+
calpain 2, (m/II) large subunit	M23254	5	5	0	+	+	+	+	+
calpain 4, small subunit (30K)	X04106	1	1	0	+	+	+	+	+
calpain 7	AB028639	2	1	1	+	+	+	+	+
calpastatin	D16217	5	4	1	+	+	+	+	+
calponin 2	D83735	14	9	5	+	+	+	+	+
calreticulin	M32294	1	1	0	+	+	+	+	+
calumenin	U67280	4	4	0	+	+	+	+	+
cAMP response element-binding protein CRE-BPa	L05912	4	3	1			+	+	
cAMP responsive element binding protein 1	X55545	2	1	1					
cAMP responsive element binding protein-like 2	AF039081	1	1	0	+	+	+	+	+
cAMP-dependent protein kinase type II (Ht31)	M90360	1	1	0		+	+	+	+
Candidate tumor suppressor p33 ING1 homolog	NM_016162	1	0	1	+	+	+	+	+
CAP-18 protein	X89658	3	1	2					
capillary morphogenesis protein 2 (CMG2), mRNA	Hs.350849	2	1	1					
capping protein (actin filament) muscle Z-line, alpha 1	U56637	9	7	2	+	+	+	+	+
Capping protein (actin filament) muscle Z-line, alpha 2	NM_006136	4	2	2	+	+	+	+	+
capping protein (actin filament) muscle Z-line, beta	U03271	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
capping protein (actin filament), gelsolin-like	M94345	9	8	1	+	+	+	+	+
CAR (RFP2) gene, complete cds; DLEU2 and DLEU1 genes, complete sequence; and RPL18 and p48/Hip pseudogenes, complete sequence	AF279660.2	1	0	1					
carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase	D78586	1	1	0	+	+	+	+	+
Carbonic anhydrase II	NM_000067	1	0	1	+	+	+	+	+
carbonic anhydrase VA, mitochondrial	L19297	1	1	0				+	
carbonic anhydrase VB, mitochondrial	AA082296	1	1	0	+	+	+		+
carbonyl reductase (LOC51181),	Hs.9857	1	1	0	+	+	+	+	+
carboxylesterase 2 (intestine, liver)	U60553	1	1	0	+		+	+	+
carboxypeptidase D	U65090	3	3	0	+	+	+	+	+
Carboxypeptidase, vitellogenic-like	AF282617	4	2	2	+	+	+	+	+
carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	X14831	1	0	1		+	+	+	+
carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen) (CEACAM6)	NM_002483	3	0	3	+				+
cargo selection protein(mannose 6 phosphate receptor binding protein) (TIP47)	NM_005817	1	0	1	+	+	+	+	+
Carnitine palmitoyltransferase I, muscle	NM_004377	1	0	1		+	+	+	+
cartilage associated protein(CRTAP), mRNA	Hs.155481	2	1	1	+	+	+	+	+
cartilage GP-39 protein	Y08378	2	1	1					
cartilage-hair hypoplasia region gene sequence	AF334829.1	1	1	0					
Cas-Br-M (murine) ecotropic retroviral transforming sequence	X57110	2	2	0					
casein kinase 1, alpha 1	X80693	2	2	0	+	+	+	+	+
casein kinase 1, delta	U29171	2	0	2					
casein kinase 1, gamma 3	AF049090	1	1	0		+	+	+	+
casein kinase 2, alpha 1 polypeptide	M55265	3	2	1	+	+	+	+	+
casein kinase 2, beta polypeptide	X57152	1	0	1					
casein kinase II alpha subunit(=S72393)	X69951	1	1	0					
CASP8 and FADD-like apoptosis regulator	Y14039	7	5	2	+	+	+	+	+
caspase 1, apoptosis-related cysteine protease (interleukin 1, beta, convertase)	M87507	9	8	1	+	+	+	+	+
caspase 10, apoptosis-related cysteine protease	U60519	1	1	0	+	+		+	+
caspase 2, apoptosis-related cysteine protease (neural precursor cell expressed, developmentally down-regulated 2)	U13021	3	3	0	+	+	+	+	+
caspase 3, apoptosis-related cysteine protease	U13737	4	3	1	+	+	+	+	+
caspase 4, apoptosis-related cysteine protease	U28014	9	6	3	+	+	+	+	+
caspase 5, apoptosis-related cysteine protease	U28015	1	1	0		+			
caspase 8, apoptosis-related cysteine protease	X98173	3	3	0	+	+	+	+	+
caspase 9, apoptosis-related cysteine protease	U56390	1	1	0	+	+	+	+	+
caspase recruitment domain 4 (NOD1),	AF126484.1	2	2	0		+		+	+
caspase recruitment domain family, member 11 (CARD11), m	Hs.293867	3	3	0		+			
caspase recruitment domain family, member 15 (CARD15), mRNA /	Hs.135201	1	1	0		+			
caspase recruitment domain family, member 6; caspase recruitment domain protein 6 mRNA	Hs.200242	1	0	1				+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Cat eye syndrome chromosome region, candidate 1	NM_017424	8	6	2	+	+	+	+	+
catalase	X04076	10	8	2	+	+	+	+	+
catechol-O-methyltransferase	M65213	1	1	0	+	+	+	+	+
catenin (cadherin-associated protein), alpha 1 (102kD)	D13866	10	8	2	+	+	+	+	+
catenin (cadherin-associated protein), beta 1 (88kD)	X87838	1	1	0	+	+	+	+	+
catenin(cadherin-associated protein), delta 1 (CTNND1)	NM_001331	2	0	2	+	+	+	+	+
cathepsin B	M14221	5	5	0	+	+	+	+	+
cathepsin C	U79415	6	4	2					
cathepsin D	M11233	7	4	3	+	+	+	+	+
cathepsin E	J05036	1	1	0	+			+	+
cathepsin G	M16117	1	1	0	+	+	+	+	+
cathepsin H	X16832	1	0	1	+	+	+	+	+
Cathepsin S	M90696	53	11	42	+	+	+	+	+
cathepsin W (lymphopain)	AF013611	5	5	0					+
caveolin 1, caveolae protein, 22kD	AF125348	4	0	4					
CBF1 interacting corepressor	AF098297	1	1	0	+	+	+	+	+
CCAAT/enhancer binding protein (C/EBP), alpha	X87248	3	3	0					
CCAAT/enhancer binding protein (C/EBP), delta	S63168	1	1	0					
CCAAT/enhancer binding protein (C/EBP), epsilon	U48865	1	0	1					
CCAAT-box-binding transcription factor	M37197	2	2	0		+	+	+	+
CCCTC-binding factor (zinc finger protein)	U25435	2	1	1	+	+	+	+	+
CCR4-NOT transcription complex, subunit 7	AA188498	1	1	0				+	+
CD14 antigen	M86511	14	13	1	+	+	+	+	+
CD163 antigen (CD163)	NM_004244	2	1	1		+	+	+	+
CD164 antigen, sialomucin	D14043	13	11	2	+	+	+	+	+
CD19 antigen	X13312	1	1	0					+
CD1C antigen, c polypeptide	M28827	1	1	0		+		+	+
CD2 antigen (cytoplasmic tail)-binding protein 2	AF104222	1	1	0	+	+	+	+	+
CD2 antigen (p50), sheep red blood cell receptor	M14362	7	7	0	+	+		+	+
CD20/Fc-epsilon-RI-beta family member 4 (CFFM4)	AF309653	1	0	1	+	+	+	+	+
CD22 antigen	U62631	2	2	0					
CD24 antigen (small cell lung carcinoma cluster 4 antigen)	NM_013230	2	1	1	+	+	+	+	+
CD28 antigen (Tp44)	J02988	1	1	0		+			
CD2-associated protein	AA306025	1	1	0	+		+		+
CD33 antigen (gp67)	M23197	3	1	2				+	+
CD36 antigen (collagen type I receptor, thrombospondin receptor)	M98398	9	7	2	+	+	+	+	+
CD37 antigen	X14046	8	5	2	+	+	+	+	+
CD38 antigen (p45)	D84277	1	1	0	+			+	
CD3D antigen, delta polypeptide (TiT3 complex)	X03934	2	1	1					
CD3E antigen, epsilon polypeptide (TiT3 complex)	X03884	2	2	0			+		+
CD3G antigen, gamma polypeptide (TiT3 complex)	X04145	2	2	0				+	
CD3Z antigen, zeta polypeptide (TiT3 complex)	J04132	4	4	0	+	+		+	+
CD4 antigen (p55)	M35160	8	6	2					
CD44 antigen (homing function and Indian blood group system)	X55150	16	7	9	+	+	+	+	+
CD48 antigen (B-cell membrane protein)	X06341	6	4	2		+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
CD5 antigen (p56-62)	X04391	3	3	0		+			
CD52	AJ132359	1	0	1					
CD53 antigen	M37033	18	14	4	+	+	+	+	+
CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 and G344)	M95708	1	0	1	+	+	+	+	+
CD63 antigen (melanoma 1 antigen)	M58485	4	4	0	+	+	+	+	+
CD68 antigen	S57235	5	4	1	+		+	+	+
CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)	K01144	115	91	24	+	+	+	+	+
CD79A antigen (immunoglobulin-associated alpha)	M74721	2	2	0	+	+	+	+	+
CD79B antigen (immunoglobulin-associated beta)	X83539	2	2	0		+	+		+
CD8 antigen, alpha polypeptide (p32)	M27161	3	3	0					
CD8 antigen, beta polypeptide 1 (p37)	X13445	2	2	0			+		+
CD81 antigen (target of antiproliferative antibody 1)	M33680	1	1	0	+	+	+	+	+
CD83 antigen (activated B lymphocytes, immunoglobulin superfamily)	Q01151	1	1	0					
CD84 antigen (leukocyte antigen)	U82988	1	1	0				+	+
CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)	L25259	2	1	1	+	+			+
CD9 antigen (p24)	M38690	2	2	0	+	+	+	+	+
CD97 antigen	X84700	19	16	3	+	+	+	+	+
CDA02 protein (CDA02),	Hs.332404	2	2	0	+	+	+	+	+
CDA14	AA302159	2	2	0	+	+	+	+	+
CDC10 (cell division cycle 10, S. cerevisiae, homolog)	S72008	9	6	3	+	+	+	+	+
CDC14 A, isoform 1; S. cerevisiae CDC14 gene A; CDC14 (cell division cycle 14, S. cerevisiae) A	Hs.65993	1	0	1	+	+	+	+	+
cdc2/CDC28-like kinase 4 (Cik4)	U94846	1	1	0					
CDC20 (cell division cycle 20, S. cerevisiae, homolog)	U05340	2	1	1	+	+	+	+	+
CDC23 (cell division cycle 23, yeast, homolog)	AF191341	3	2	1	+	+	+	+	+
CDC2-related protein kinase 7 (CrkRS), mRNA	Hs.123073	1	1	0					
CDC37 (cell division cycle 37, S. cerevisiae, homolog)	U63131	2	2	0	+	+	+	+	+
Cdc42 effector protein 3	AF104857	4	4	0	+	+	+	+	+
CDC42 GTPase-activating protein	U02570	1	0	1	+	+	+	+	+
Cdc42 guanine exchange factor (GEF) 9	AB007884	1	1	0	+	+	+	+	+
CDC5 (cell division cycle 5, S. pombe, homolog)-like	U86753	2	2	0	+	+	+	+	+
CDC-like kinase 1	L29219	1	1	0	+	+	+	+	+
CDC-like kinase 2	AF023268	2	2	0					
CDC-like kinase 3	L29220	1	1	0	+	+	+	+	+
cDNA clone IMAGE:3922950 5'	BE893552	1	1	0		+			+
cDNA clone IMAGE:4993142 5'	BI088769	1	1	0	+	+	+	+	+
cDNA FLJ11041 fis, clone PLACE1004405,	Hs.28792	1	0	1				+	+
cDNA FLJ11630 fis, clone HEMBA1004248, moderately similar to INSULIN-INDUCED GROWTH RESPONSE PROTEIN CL-6 /cds=UNKNOWN /gb=AK021692 /gi=10432928 /ug=Hs.7089 /len=2070	Hs.7089	1	1	0	+	+	+	+	+
cDNA FLJ11699 fis, clone HEMBA1005047, highly similar to RAS-RELATED PROTEIN RAB-24	Hs.16258	1	1	0	+	+	+	+	+
cDNA FLJ12405 fis, clone MAMMA1002838,	Hs.406820	1	0	1	+				
cDNA FLJ13092 fis, clone NT2RP3002147	Hs.172035	1	1	0	+	+		+	+
cDNA FLJ13142 fis, clone NT2RP3003212, moderately similar to Rattus norvegicus lamina associated polypeptide 1C (LAP1C)	Hs.234265	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
cDNA FLJ13202 fis, clone NT2RP3004503, mRNA sequence	Hs.133998	1	0	1	+			+	+
cDNA FLJ13279 fis, clone OVARC1001055, moderately similar to PRE-B CELL ENHANCING FACTOR PRECURSOR	AK023341.1	1	0	1	+	+	+	+	+
cDNA FLJ14760 fis, clone NT2RP3003301, moderately similar to MITOCHONDRIAL LON PROTEASE HOMOLOG 1 PRECURSOR (EC 3.4.21.-)	Hs.301872	2	2	0	+	+	+	+	+
cDNA FLJ20465 fis, clone KAT06236	AK000472.1	1	0	1	+	+	+	+	+
cDNA FLJ20738 fis, clone HEP08257,	Hs.243901	1	0	1	+	+	+	+	+
cDNA FLJ23735 fis, clone HEP14813,	Hs.433725	1	0	1					
cDNA FLJ25478 fis, clone CBL03360,	Hs.377910	1	0	1	+	+	+	+	+
cDNA FLJ30537 fis, clone BRAWH2001203 /cds=UNKNOWN /gb=AK055099 /gi=16549757 /ug=Hs.62771 /len=2354	Hs.62771	1	1	0	+	+	+	+	+
cDNA FLJ31004 fis, clone HLUNG2000063, highly similar to Homo sapiens ancient ubiquitous 46 kDa protein AUP1	Hs.350855	1	1	0					
cDNA FLJ31610 fis, clone NT2RI2002865,	Hs.196379	1	0	1	+	+	+	+	+
cDNA FLJ32421 fis, clone SKMUS2000902, weakly similar to BRO1 PROTEIN/cds=(395,1630) /gb=AK056983 /gi=16552533 /ug=Hs.125594	Hs.125594	1	1	0	+				+
cDNA FLJ32441 fis, clone SKMUS2001501	Hs.4096	1	1	0	+	+	+	+	+
cDNA FLJ32558 fis, clone SPLEN1000143, highly similar to HIGH MOBILITY GROUP PROTEIN HMG1 /cds=UNKNOWN /gb=AK057120	Hs.337757	1	0	1					
cDNA FLJ32674 fis, clone TEST11000142, highly similar to TRANSDUCIN-LIKE ENHANCER PROTEIN 4 /cds=UNKNOWN /gb=AK057236	Hs.83958	1	0	1	+	+	+	+	+
cDNA FLJ33540 fis, clone BRAMY2007613	AA361574.1	1	1	0	+	+	+		+
cDNA FLJ34182 fis, clone FCBBF3016928, weakly similar to Petunia x hybrida PGPD14 (PGPD14) mRNA,	Hs.48297	1	0	1	+	+	+	+	+
cDNA FLJ34244 fis, clone FCBBF3028794,	Hs.93557	1	0	1	+		+		
cDNA FLJ35694 fis, clone SPLEN2019575,	Hs.407046	1	0	1					
cDNA FLJ36321 fis, clone THYMU2005482,	Hs.47679	1	0	1	+	+	+	+	+
cDNA FLJ36605 fis, clone TRACH2015316, highly similar to VIMENTIN	Hs.379100	1	0	1	+	+	+	+	+
cDNA FLJ36665 fis, clone UTERU2003035, mRNA sequence	Hs.177781	1	0	1	+	+	+	+	+
cDNA FLJ37648 fis, clone BRHIP2000532,	Hs.379834	1	0	1				+	+
cDNA FLJ38058 fis, clone CTONG2014898,	Hs.355780	1	0	1	+	+	+	+	+
cDNA FLJ38879 fis, clone MESAN2015391,	Hs.407001	1	0	1					
cDNA FLJ40914 fis, clone UTERU2005449, weakly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KDA (EC 6.3.2.19),	Hs.75355	2	2	0	+	+	+	+	+
cDNA: FLJ21333 fis, clone COL02535,	Hs.27865	1	0	1	+	+	+	+	+
cDNA: FLJ21543 fis, clone COL06171	AK025196.1	1	0	1					
cDNA: FLJ21947 fis, clone HEP04896	AK025600.1	1	1	0	+	+	+	+	+
cDNA: FLJ22050 fis, clone HEP09454	AF075061	1	1	0	+	+	+	+	+
cDNA: FLJ22272 fis, clone HRC03192,	Hs.50740	1	0	1	+	+	+	+	+
cDNA: FLJ23016 fis, clone LNG00874,	Hs.266940	1	0	1	+	+	+	+	+
cDNA: FLJ23090 fis, clone LNG07119,	Hs.306875	1	0	1					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
CDV-1 protein (CDV-1),	Hs.333120	2	2	0	+	+	+	+	+
CDW52 antigen (CAMPATH-1 antigen)	X62466	2	2	0	+	+	+	+	+
cell death-inducing DFFA-like effector b (CIDEB)	Hs.288835	1	1	0					
cell division cycle 25B	Z68092	6	6	0	+	+	+	+	+
cell division cycle 2-like 1 (PITSLRE proteins)	AF067514	1	1	0	+	+	+	+	+
cell division cycle 42 (GTP-binding protein, 25kD)	M57298	6	6	0	+	+	+	+	+
cell membrane glycoprotein, 110000M(r) (surface antigen)	D64154	2	2	0	+		+	+	+
CELL-CYCLE NUCLEAR AUTOANTIGEN SG2NA (S/G2 NUCLEAR ANTIGEN)	Q13033	1	1	0					
Cellular growth-regulating protein	NM_015858	2	1	1					
Cellular repressor of E1A-stimulated genes	AA306776	1	0	1	+	+	+	+	+
centaurin beta2	D26069	3	2	1	+	+	+	+	+
centromere protein B (80kD)	X55039	1	1	0					
Centrosomal protein 1	NM_007018	1	0	1	+	+	+	+	+
centrosomal protein 2	AF022655	4	4	0	+		+	+	+
ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease)	AF017456	10	8	2	+	+	+	+	+
ceroid-lipofuscinosis, neuronal 5 (CLN5), mRNA	NM_006493.1	1	0	1	+	+	+	+	+
CGG triplet repeat binding protein 1	AF094481	2	0	2					
CGI-01 protein	NM_015935	2	1	1	+	+	+	+	
CGI-06 protein (LOC51604),	Hs.84038	1	1	0	+	+	+	+	+
CGI-07 protein (LOC51068)	NM_015938	2	1	1	+	+	+	+	+
CGI-10 protein (LOC51004), mRNA	Hs.12239	1	1	0	+	+	+	+	+
CGI-100 protein	AF151858	1	0	1	+	+	+	+	+
CGI-101 protein (F-LAN-1),	Hs.286131	1	1	0	+	+	+	+	+
CGI-107 protein	AA328662	1	1	0	+	+	+	+	+
CGI-109 protein	Hs.278391	1	0	1	+	+	+	+	+
CGI-11 protein	AA213888	1	1	0	+	+	+	+	+
CGI-111 protein	AA570446	1	1	0	+	+	+	+	+
CGI-116 protein	AA384523	1	1	0	+	+	+	+	+
CGI-119 protein	AA102327	3	3	0	+	+	+	+	+
CGI-120 protein	AA359676	1	1	0	+	+	+	+	+
CGI-127 protein	N55788	7	7	0	+	+	+	+	+
CGI-141 protein	N33874	2	1	1	+	+	+	+	+
CGI-146 protein	AI274778	1	1	0	+	+	+	+	+
CGI-147 protein	AA122058	1	1	0	+	+	+	+	+
CGI-149 protein (LOC51652),	Hs.189658	1	1	0	+	+	+	+	+
CGI-15 protein	AA578364	3	3	0	+	+	+	+	+
CGI-152 protein (CGI-152),	Hs.9275	1	1	0	+		+	+	+
CGI-19 protein	AA229477	2	2	0		+	+	+	+
CGI-203 protein	R61638	1	0	1	+	+	+	+	+
CGI-26 protein	AA449610	2	2	0	+	+	+	+	+
CGI-27 protein	AA134689	1	1	0	+	+	+	+	+
CGI-30 protein	AA088820	1	1	0		+	+	+	+
CGI-31 protein	AA053607	1	1	0	+	+	+	+	+
CGI-40 protein (LOC51092),	Hs.33724	2	2	0	+	+	+	+	+
CGI-44 protein; sulfide dehydrogenase like (yeast)	Hs.8185	5	4	1	+	+	+	+	+
CGI-45 protein (LOC51094)	Hs.5298	3	2	1	+	+	+	+	+
CGI-47 protein	AA300574	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
CGI-48 protein	NM_016001	1	0	1	+	+	+	+	+
CGI-51 protein	AF151809	1	0	1	+	+	+	+	+
CGI-53 protein	AF151811	2	1	1	+	+	+	+	+
CGI-58 protein	AA366090	1	1	0	+	+	+	+	+
CGI-65 protein	R17959	2	2	0	+	+	+	+	+
CGI-69 protein (LOC51629),	Hs.237924	2	2	0	+	+	+	+	+
CGI-72 protein	AA614199	1	1	0	+	+	+	+	+
CGI-73 protein	AF151831	1	0	1	+	+	+	+	+
CGI-74 protein (LOC51631),	Hs.7194	1	1	0	+	+	+	+	+
CGI-77 protein	AF151836	1	0	1	+			+	+
CGI-81 protein	NM_016025	4	2	2	+	+	+	+	+
CGI-83 protein	C18047	1	1	0	+	+	+	+	+
CGI-85 protein	R11477	1	1	0	+	+	+	+	+
CGI-86 protein	AF151844	5	4	1	+	+	+	+	+
CGI-92 protein	N79879	1	1	0	+	+	+	+	+
CGI-96 protein	AA102802	4	4	0	+	+	+	+	+
CGI-97 protein	AA044797	1	1	0	+	+	+	+	+
chaperone, ABC1 activity of bc1 complex like (S. pombe)	Hs.273186	2	2	0	+	+	+	+	+
chaperonin containing TCP1, subunit 3 (gamma) (CCT3), mRNA	Hs.1708	2	2	0	+	+	+	+	+
Chaperonin containing TCP1, subunit 4 (delta)	NM_006430	5	3	2	+	+	+	+	+
Chaperonin containing TCP1, subunit 6A (zeta 1)	NM_001762	5	4	1	+	+	+	+	+
chaperonin containing TCP1, subunit 7 (eta)	AF026292	12	11	1	+	+	+	+	+
Chaperonin containing TCP1, subunit 8 (theta)	NM_006585	10	8	2	+	+	+	+	+
Charot-Leyden crystal protein; Charcot-Leyden crystal protein; eosinophil lysophospholipase; lysolecithin acylhydrolase; galactin-10;	Hs.889	1	0	1		+		+	
Checkpoint suppressor 1	NM_005197	1	0	1	+	+	+	+	+
Chediak-Higashi syndrome 1(CHS1)	NM_000081	12	4	8		+	+	+	+
chemokine (C-C motif) receptor 1 (CCR1)	NM_001295	4	1	3		+	+	+	+
chemokine (C-C motif) receptor 2	U03905	5	5	0				+	
chemokine (C-C motif) receptor 4	X85740	1	1	0					
chemokine (C-C motif) receptor 5	AF011504	2	2	0			+		
chemokine (C-C motif) receptor 7	L31581	7	7	0	+				+
chemokine (C-X3-C) receptor 1	L31584	7	7	0					
chemokine (C-X-C motif), receptor 4 (fusin)	X71635	9	8	1	+	+	+	+	+
chemokine-like factor super family 6 (CKLFSF6)	Hs.380627	5	0	5	+	+	+	+	+
chemokine-like receptor 1	U79526	1	1	0			+		
Chitinase 1 (chitotriosidase)	U62662	1	0	1		+			+
chitinase 3-like 1 (cartilage glycoprotein-39) (CHI3L1)	NM_001276	9	3	6	+			+	+
chitinase 3-like 2	U49835	3	2	1	+	+	+	+	+
chitobiase, di-N-acetyl-(CTBS)	NM_004388	2	0	2	+	+	+	+	+
chloride channel 1 , skeletal muscle (Thomsen disease, autosomal dominant)	M97820	1	1	0					
chloride channel 3	X78520	1	1	0	+	+	+	+	+
chloride channel 6	D28475	1	1	0	+	+		+	+
chloride intracellular channel 1	U93205	2	2	0	+	+	+	+	+
CHMP1.5 protein	AA448546	4	4	0	+	+		+	+
choline kinase-like	AB029886	2	0	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Choline/ethanolaminephosphotransferase	AA452714	1	1	0	+	+	+	+	+
choline/ethanolaminephosphotransferase	Hs.363572	1	0	1	+	+	+	+	+
Chondroitin 4-sulfotransferase	AI763433	2	1	1					+
chondroitin sulfate proteoglycan 2 (versican) (CSPG2)	NM_004385	12	9	3	+	+	+	+	+
CHROMATIN ASSEMBLY FACTOR 1 P48 SUBUNIT(CAF-1 P48 SUBUNIT)(RETINOBLASTOMA BINDING PROTEIN P48)(RETINOBLASTOMA-BINDING PROTEIN 4)(MSI1 PROTEIN HOMOLOG)(non-exact 49%)	Q09028	2	2	0					
chromatin-specific transcription elongation factor, 140 kDa subunit	AF152961	3	1	2					
chromobox homolog 3 (Drosophila HP1 gamma)	U26312	4	0	4	+	+	+	+	+
Chromobox homolog 6	AI342424	1	1	0	+	+	+	+	+
chromodomain helicase DNA binding protein 1	AF006513	2	2	0	+		+	+	+
chromodomain helicase DNA binding protein 1-like	AF054177	3	2	1	+	+	+	+	+
chromodomain helicase DNA binding protein 2 (CHD2)	NM_001271	3	1	2	+	+	+	+	+
chromodomain helicase DNA binding protein 3	AF006515	4	4	0	+	+	+	+	+
chromodomain helicase DNA binding protein 4	X86691	6	6	0	+	+	+	+	+
Chromosome 1 open reading frame 12	AA349462	2	0	2	+	+	+	+	+
chromosome 1 open reading frame 13 (C1orf13),	Hs.23756	1	0	1		+	+	+	+
Chromosome 1 open reading frame 21	AA307320	1	1	0	+	+	+	+	+
chromosome 1 open reading frame 7	AF054176	2	1	1					
chromosome 1 open reading frame 8	4758571	1	0	1	+	+	+	+	+
chromosome 11 open reading frame 10, clone MGC:22907 IMAGE:4073907, mRNA, complete cds	BC015968.1	2	1	1		+	+	+	+
Chromosome 11 open reading frame 23	AA420972	1	1	0	+	+	+	+	+
chromosome 11 open reading frame 4	U39400	1	0	1	+	+	+	+	+
chromosome 12 open reading frame 6, clone MGC:22721 IMAGE:4077842, mRNA, complete cds	BC017569.1	1	0	1		+			+
chromosome 12 open reading frame 8	X94910	1	1	0	+	+	+	+	+
chromosome 14 open reading frame 129	AA307144	2	2	0	+	+	+	+	+
chromosome 14 open reading frame 47	AA361684.1	1	1	0	+	+	+		+
Chromosome 16 open reading frame 5	R25794	1	1	0	+	+	+	+	+
chromosome 20 open reading frame 111	AF161517	2	1	1	+	+	+	+	+
chromosome 20 open reading frame 177	Hs.286184	1	0	1	+		+	+	+
chromosome 20 open reading frame 77	Hs.27192	2	1	1	+	+	+	+	+
Chromosome 20open reading frame 3	AB033767	7	5	2	+	+	+	+	+
Chromosome 21 open reading frame 4	N90335	3	3	0	+	+	+		+
chromosome 4 open reading frame 1	AF006621	3	2	1	+	+	+	+	+
Chromosome 5 open reading frame 3	AA262836	1	1	0		+	+	+	+
chromosome 5 open reading frame 6 (C5orf6), mRNA	Hs.102469	1	0	1	+	+	+	+	+
chromosome 5 open reading frame 7 (C5orf7),	Hs.24125	4	3	1	+	+	+	+	+
Chromosome 6 open reading frame 11	H09027	2	2	0	+	+	+	+	+
chromosome 6 open reading frame 32	U49187	37	30	37	+	+		+	+
chromosome 6 open reading frame 49	AJ420506.1	2	1	1	+	+	+	+	+
chromosome 6 open reading frame 5	AL008730	2	2	0					
chromosome 6 open reading frame 9	U89335	1	1	0					
chromosome 9 open reading frame 5 (C9orf5), mRNA	XM_047439.1	1	1	0					
chromosome condensation 1-like	Hs.27007	3	3	0	+	+	+		+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
chromosome X region from filamin (FLN) gene to glucose-6-phosphate dehydrogenase (G6PD) gene, complete cds's	L44140.1	1	0	1					
CH-TOG PROTEIN (COLONIC AND HEPATIC TUMOR OVER-EXPRESSED PROTEIN) (KIAA0097) (71% aa)	Q14008	1	0	1					
cig42	AF026944	1	1	0		+	+	+	+
Cip1-interacting zinc finger protein	AA447431	1	1	0	+	+	+	+	+
Cisplatin resistance related protein CRR9p	Hs.323769	1	1	0					
citrate synthase	AF047042	4	3	1	+	+	+	+	+
Class I cytokine receptor	AA302915	2	1	1	+	+			+
CLASS I HISTOCOMPATIBILITY ANTIGEN, A-1 ALPHA CHAIN PRECURSOR	P16211	1	0	1					
class II invariant gamma-chain(exon 2-8)	X03340	1	1	0					
class-I MHC-restricted T cell associated molecule	AF001622	1	1	0			+		
clathrin, heavy polypeptide (Hc)	D21260	5	4	1	+	+	+	+	+
clathrin, light polypeptide (Lca)	M20472	2	2	0	+	+	+	+	+
clathrin-associated protein AP47(AP47),	Hs.3832	1	1	0					
cleavage and polyadenylation specific factor 2, 100kD subunit (CPSF2),mRNA	XM_029311.2	1	0	1					
cleavage and polyadenylation specific factor 4, 30kD subunit	U79569	1	1	0	+	+	+	+	+
cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kD	M85085	1	1	0	+	+	+	+	+
cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kD	U15782	1	1	0	+	+	+	+	+
cleft lip and palate associated transmembrane protein 1	AA102176	1	1	0	+	+	+	+	+
clone BAC_22608 inducible T-cell co-stimulator (ICOS) gene, complete cds; and endogenous virus HERV-H, complete sequence	AF411059.1	1	0	1					
clone IMAGE:4798349, mRNA	Hs.29464	1	0	1	+		+	+	+
clone IMAGE:4826196, mRNA, partial cds	Hs.375796	1	0	1					
clone IMAGE:4994678, mRNA	BG939204.1	1	1	0	+	+	+	+	+
clone PP781 unknown mRNA	AF218029	2	0	2	+	+	+	+	+
CLP	L54057	8	6	2	+	+	+	+	+
ClpX (caseinolytic protease X, E.coli) homolog (CLPX), mRNA	Hs.113823	1	1	0	+	+	+	+	+
clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J)	M64722	3	3	0	+	+	+	+	+
CM0-GN0080-150900-557-a04 GN0080 Homo sapiens cDNA, MRNA sequence	BF369243	1	1	0					
CMP-NeuAC:(beta)-N-acetylgalactosaminide (alpha)2,6-sialyltransferase member VI	R85008	1	1	0	+	+	+	+	+
CMRF35 leukocyte immunoglobulin-like receptor	X66171	3	3	0	+		+		+
c-myc binding protein	AB007191	2	2	0	+	+	+	+	+
c-myc oncogene containing coxIII	X54629	1	1	0					
Coactivator-associated arginine methyltransferase-1	AA769150	1	1	0	+	+	+	+	+
coagulation factor II (thrombin) receptor	M62424	1	1	0	+	+		+	+
coagulation factor V (proaccelerin, labile factor)	M14335	2	1	1		+	+	+	+
coagulation factor XIII, A1 polypeptide	M14354	11	10	1	+	+	+	+	+
coated vesicle membrane protein	X92098	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
coatamer protein complex, subunit alpha	U24105	9	8	1	+	+	+	+	+
coatamer protein complex, subunit beta	AF084457	7	5	2	+	+	+	+	+
coatamer protein complex, subunit beta 2 (beta prime)	X70476	3	0	3	+	+	+	+	+
COBW domain-containing protein	Hs.434050	1	0	1		+	+	+	+
COBW-like protein	AI360580	1	0	1	+	+	+	+	+
cofactor required for Sp1 transcriptional activation, subunit 3 (130kD) (CRSP3)	NM_004830	2	1	1	+	+	+	+	+
Cofactor required for Sp1 transcriptional activation, subunit 9 (33kD)	N41875	1	1	0	+	+	+	+	+
cofilin 1 (non-muscle)(CFL1)	NM_005507	19	15	4	+	+	+	+	+
cofilin isoform 2	AF134803	1	0	1	+	+	+	+	+
coilin	U06632	1	0	1	+	+		+	+
cold inducible RNA-binding protein	D78134	11	10	1	+	+	+	+	+
cold shock domain protein A	M24069	2	2	0	+	+	+	+	+
colin carcinoma laminin-binding protein	J03799	1	0	1	+	+	+	+	+
collagen, type IV, alpha 3 (Goodpasture antigen) binding protein	AA121104	1	1	0	+	+	+		+
collagen, type IX, alpha 2	M95610	3	3	0	+		+		+
collagen, type XVIII, alpha 1	AF018081	2	1	1	+	+	+	+	+
Colon cancer-associated protein Mic1	H75619	1	1	0	+	+	+	+	+
colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog	M14193	4	4	0	+	+	+	+	+
Colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)	U93096	2	1	1			+	+	+
colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)	M59941	2	2	0		+		+	
colony stimulating factor 3 receptor (granulocyte)	M59819	21	20	1	+		+	+	+
complement component (3d/Epstein Barr virus) receptor 2	J03565	1	0	1			+		
complement component 3 (C3)	NM_000064	1	0	1	+	+	+	+	+
complement component 3a receptor 1	U62027	1	0	1	+	+		+	+
complement component 5 receptor 1 (C5a ligand)	M62505	2	2	0	+		+		+
Complement component C1q receptor	AA634764	7	3	4	+	+	+	+	+
conserved gene amplified in osteosarcoma	AF000152	7	5	2	+	+	+	+	+
Conserved gene telomeric to alpha globin cluster (CGTHBA)	NM_012075	2	1	1	+	+	+	+	+
conserved helix-loop-helix ubiquitous kinase	AF009225	2	1	1	+		+	+	+
COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 3	AF031647	2	2	0	+	+	+	+	+
COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 5	U65928	3	2	1	+	+	+	+	+
COP9 homolog	U51205	3	2	1	+	+	+	+	+
copine I	U83246	4	3	1	+	+	+	+	+
copine III	4503014	1	0	1	+	+	+	+	+
copper chaperone for superoxide dismutase	AF002210	1	0	1	+	+	+	+	+
coproporphyrinogen oxidase (coproporphyrin, harderoporphyrin)	D16611	1	1	0	+	+	+	+	+
core promoter element binding protein	AF001461	5	5	0	+	+	+	+	+
Core-binding factor, beta subunit	L20298	2	1	1	+	+	+	+	+
coronin, actin-binding protein, 1A (CORO1A)	NM_007074	29	28	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Coronin, actin-binding protein, 1C	NM_014325	5	3	2	+	+	+	+	+
cortical thymocyte antigen CD1c (pseudo signal peptide, clone lambda-R7L4)	M18232	1	1	0					
Cortistatin	N41870	1	1	0			+	+	+
COX15 (yeast) homolog, cytochrome c oxidase assembly protein	AF044323	1	0	1	+	+	+	+	+
CRAMP1L Crm, cramped-like (Drosophila)	Hs.15441	2	1	1	+		+	+	+
CREBBP/EP300 inhibitory protein 1	AF092135	7	5	2	+	+	+	+	+
Crooked neck protein (crn)	NM_016652	2	1	1	+	+	+	+	+
cryopyrin (CIAS1) gene, exon 5	U1115.1 AY0511	2	2	0					
cryptochrome 1 (photolyase-like)	D83702	2	1	1	+	+		+	+
Crystallin, zeta (quinone reductase)-like 1	AA347318	2	1	1	+	+	+	+	+
c-src tyrosine kinase (CSK)	NM_004383	3	1	2	+	+	+	+	+
CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) phosphatase, subunit 1	AF081287	2	1	1	+	+	+	+	+
C-terminal binding protein 1 (CTBP1)	NM_001328	2	1	1	+	+	+	+	+
C-terminal binding protein 2	AF016507	5	3	2	+	+	+	+	+
CTL2 gene	H38087	3	2	1	+	+	+	+	+
C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 12 (CLECSF12), mRNA	Hs.161786	3	2	1					+
C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 5 (CLECSF5), mRNA	Hs.126355	2	1	1		+	+		
C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 6	AJ133532	1	0	1		+	+	+	+
C-type lectin-like receptor CLEC-6 mRNA,	Hs.351811	1	1	0					
CUA001 mRNA, complete cds	AF248964.1	2	1	1	+	+	+	+	+
CUG triplet repeat, RNA-binding protein 1	U63289	5	4	1	+	+	+	+	+
CUG triplet repeat, RNA-binding protein 2	AF090694	15	9	6	+	+	+	+	+
Cullin 1	AI096857	5	5	0	+	+	+	+	+
cullin 3	AF062537	2	2	0	+	+	+	+	+
Cullin 4A	AF077188	3	1	2	+	+	+	+	+
cut (Drosophila)-like 1 (CCAAT displacement protein)	L12579	2	2	0	+	+	+	+	+
Cutaneous T-cell lymphoma tumor antigen se70-2	AA693818	1	1	0		+	+	+	+
cyclic AMP response element transcriptional regulator binding protein (CRE-BP1)	M59164	1	1	0					
cyclin D binding Myb-like transcription factor 1 (DMTF)	Hs.56711	2	2	0	+			+	+
cyclin D2	D13639	2	2	0	+	+	+	+	+
cyclin D3	M92287	6	5	1	+	+	+	+	+
cyclin D-type binding-protein 1 (CCNDBP1), transcript variant 1,	Hs.36794	6	5	1	+	+	+	+	+
cyclin G1	D78341	1	1	0	+	+	+	+	+
cyclin I	D50310	6	5	1	+	+	+	+	+
Cyclin L ania-6a	AA452351	7	2	5	+	+	+	+	+
cyclin T2 (CCNT2)	NM_001241	4	1	3		+	+	+	+
cyclin-dependent kinase 2	X62071	1	1	0	+	+	+	+	+
Cyclin-dependent kinase 5, regulatory subunit 1 (p35)	R59051	1	0	1	+				
cyclin-dependent kinase inhibitor (p27Kip1)	S76986	1	1	0					
cyclin-dependent kinase inhibitor 1A (p21, Cip1)	L47233	3	3	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
cyclin-dependent kinase inhibitor-related protein (P15RS)	Hs.300906	1	1	0	+	+	+	+	+
cyclin-dependent kinase-like 1 (CDC2-related kinase)	X66358	1	1	0					
cyclophilin-related protein (NKTR) gene	AF184110	1	0	1					
Cylindromatosis (turban tumor syndrome)	R02535	3	3	0	+	+	+	+	+
CYP2D7-CYP2D6 intergenic region (partial)	X90926	1	1	0					
cystatin B (stefin B)	L03558	1	1	0	+	+	+	+	+
cystatin F (leukocystatin)	AF031824	3	2	1					+
Cysteine and histidine-rich domain (CHORD)-containing, zinc-binding protein 1	AA313823	1	1	0	+	+	+	+	+
cysteine-rich protein (CRP)	M76378	1	1	0					
cysteinyl-tRNA synthetase	L06845	1	1	0	+	+	+	+	+
cytidine deaminase (CDA)	L27943	4	2	2				+	+
cytochrome b gene (mitochondrial gene for mitochondrial product)	AF254896	4	2	2					
cytochrome b(-245) beta chain N-terminal region (X-linked granulomatous disease gene)	X05895	3	2	1					
cytochrome b-245, beta polypeptide (chronic granulomatous disease) (CYBB)	NM_000397	7	3	4			+	+	+
cytochrome b5 outer mitochondrial membrane precursor	AB009282	3	3	0	+	+	+	+	+
cytochrome b-561	U06715	1	1	0					
cytochrome C	P00001	4	3	1					
cytochrome c oxidase subunit IV	U90915	7	2	3	+	+	+	+	+
cytochrome c oxidase subunit Vb	M59250	2	2	0					
Cytochrome c oxidase subunit VIa polypeptide 1	N48242	1	1	0				+	
cytochrome c oxidase subunit VIb; cytochrome c oxidase polypeptide VIb; cytochrome oxidase subunit VIb mRNA sequence	Hs.174031	1	0	1					
cytochrome c oxidase subunit VIIa polypeptide 2 (liver)	X15822	1	0	1	+	+	+	+	+
cytochrome c oxidase subunit VIIa polypeptide 2 like	AB007618	7	6	1	+	+	+	+	+
cytochrome c oxidase subunit VIIc precursor; cytochrome-c oxidase chain VIIc	Hs.3462	1	0	1					
Cytochrome P450 monooxygenase	AA610331	1	1	0			+	+	+
Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)	NM_000786	1	0	1	+	+	+	+	+
cytochrome P450, subfamily IVF, polypeptide 3 (leukotriene B4 omega hydroxylase) (CYP4F3), mRNA	Hs.106242	2	1	1			+	+	+
cytochrome P450, subfamily XXVIIA (steroid 27-hydroxylase, cerebrotendinous xanthomatosis), polypeptide 1	M62401	1	1	0	+	+	+	+	+
cytokine receptor-like molecule 9	AA100463	5	5	0	+		+	+	+
Cytoskeleton associated protein 2	AA807729	1	1	0	+	+	+	+	+
cytotoxic granule-associated RNA-binding protein p40-TIA-1	S70114	1	1	0					
D123 gene product	D14878	1	1	0	+		+	+	+
damage-specific DNA binding protein 1 (127kD)	AJ002955	3	3	0	+	+	+	+	+
Danio rerio cathepsin mRNA, partial cds	Dr.19902	1	0	1					
DAZ associated protein 2	AF085348	27	21	6					
DC11 protein (DC11),	Hs.42785	1	1	0	+		+	+	+
DC12 protein	NM_020187	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
DC2 protein (DC2), mRNA	XM_034710.2	2	2	0					
DC22 mRNA,	Hs.40368	1	1	0	+	+	+	+	+
DC6 protein	AA033720	1	1	0	+	+	+	+	+
DCMP deaminase	AA425186	2	2	0	+	+	+	+	+
dead ringer (Drosophila)-like 2 (bright and dead ringer) (DRIL2), mRNA	Hs.10431	1	1	0	+			+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein 1	U78524	2	2	0	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 1	3123573	3	2	1	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 15	NM_001358	4	3	1	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16	AB001601	4	3	1	+		+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 17 (72kD)	AA971537	5	3	2	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 18 (Myc-regulated)	X98743	2	2	0	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19 (Dbp5, yeast, homolog)	AA134719	3	3	0	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21	U41387	2	2	0	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 24	AA323396	5	5	0	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 28	Hs.155049	1	1	0	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3	AF000982	8	3	5	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase, 68kD)	X15729	54	46	8	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54kD)	D17532	2	2	0	+	+		+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 8 (RNA helicase)	D50487	1	1	0	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 9 (RNA helicase A, nuclear DNA helicase II; leukophysin)	L13848	3	3	0	+	+	+	+	+
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide, Y chromosome	AF000985	1	1	0	+		+	+	+
DEAD-box protein abstrakt	AI003250	7	7	0	+	+	+	+	+
death associated protein 3(DAP3)	NM_004632	5	4	1	+	+	+	+	+
death associated transcription factor 1	AB002331	3	2	1	+	+	+	+	+
death effector domain-containing	AF064605	3	3	0	+	+	+	+	+
death effector filament-forming Ced-4-like apoptosis protein (DEFCAP), transcript variant B, mRNA	Hs.104305	7	7	0		+		+	+
death-associated protein 6	AF039136	2	2	0	+	+	+	+	+
death-associated protein kinase 1	X76104	2	2	0	+	+	+	+	+
debranching enzyme (S. Cerevisiae) homolog 1	AA159840	4	4	0	+			+	+
decorin (DCN) gene, exon 8, complete cds	L01131.1	1	0	1					
dedicator of cyto-kinesis 2	D86964	9	4	5	+	+		+	+
defender against cell death 1	D15057	1	1	0	+	+	+	+	+
defensin, alpha 1, myeloid-related sequence	M26602	21	3	18		+		+	+
Defensin, alpha 3, neutrophil-specific	NM_005217	10	1	9	+		+	+	
degenerative spermatocyte (homolog Drosophila; lipid desaturase)	AF002668	1	0	1					
DEK oncogene (DNA binding)	X64229	3	2	1	+	+	+	+	+
delta sleep inducing peptide, immunoreactor	Z50781	17	14	3	+	+	+	+	+
dendritic cell protein	AF064603	6	5	1					
deoxycytidine kinase	M60527	1	1	0	+		+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
deoxyribonuclease II, lysosomal	AF060222	6	6	0	+	+	+	+	+
deoxyribonuclease I-like 1	L40823	2	2	0	+	+		+	+
deoxythymidylate kinase (thymidylate kinase)	L16991	1	1	0					
DHHC1 protein (LOC51304), mRNA	Hs.14896	1	1	0	+	+	+	+	+
diacylglycerol kinase	D16440	3	3	0					
diacylglycerol kinase, alpha (80kD)	AF064771	6	4	2	+	+		+	+
diacylglycerol kinase, theta (110kD)	L38707	1	1	0	+				
diacylglycerol O-acyltransferase (mouse) homolog	AF059202	3	2	1	+	+		+	+
diacylglycerol O-acyltransferase homolog 2 (mouse) (DGAT2),	Hs.334305	2	1	1	+	+	+	+	+
diaphanous (Drosophila, homolog) 1	AF051782	2	1	1	+	+	+	+	+
diaphorase (NADH) (cytochrome b-5 reductase)	M16461	4	4	0	+	+	+	+	+
differentially expressed in hematopoietic lineages	AF097021	12	0	12		+	+		+
DiGeorge syndrome critical region gene 2 (DGCR2)	NM_005137	3	1	2	+	+	+	+	+
DiGeorge syndrome critical region gene DGS1; likely ortholog of mouse expressed sequence 2 embryonic lethal	L77566	2	2	0	+	+	+	+	+
dihydrolipoamide dehydrogenase (E3 component of pyruvate dehydrogenase complex, 2-oxo-glutarate complex, branched chain keto acid dehydrogenase complex)	J03620	3	2	1	+	+	+	+	+
dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex)	Y00978	1	1	0					
dihydropyrimidinase-like 2	D78013	1	1	0	+	+	+	+	+
dimethylarginine dimethylaminohydrolase 2	AA133714	1	1	0	+	+	+	+	+
DIPB protein	AA363772	2	2	0	+	+	+	+	+
Dipeptidyl peptidase 8	AA465309	1	0	1	+				+
dipeptidylpeptidase IV; adenosine deaminase complexing protein 2; T-cell activation antigen CD26	Hs.44926	1	0	1		+	+	+	
diphtheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces)-like 2	AF053003	4	4	0	+	+	+	+	+
Disabled (Drosophila) homolog 1	AA375186	1	1	0	+		+	+	+
discs, large (Drosophila)homolog 1 (DLG1), mRNA	XM_059547.1	1	1	0					
disintegrin-protease (non-exact 72%)	Y13323	1	1	0					
Disrupted in schizophrenia 1	NM_018662	1	0	1	+	+			
divalent cation tolerant protein CUTA	AF106943	1	0	1	+	+	+	+	+
DKFZP434A236 protein(DKFZP434A236),	Hs.9740	1	1	0	+		+	+	+
DKFZP434C171 protein (DKFZP434C171),	Hs.209100	3	3	0	+	+		+	+
DKFZP434D156 protein	AF015264	4	4	0					
DKFZP434D193 protein	AA811825	1	1	0	+	+	+	+	+
DKFZP434F162 protein	H83368	2	2	0	+	+	+	+	+
DKFZP434G032 protein(DKFZP434G032)	NM_015515	3	1	2		+		+	+
DKFZp434J1813 protein	AA936262	1	1	0	+	+	+	+	+
DKFZP434J214 protein	H20886	1	1	0	+	+	+	+	+
DKFZP434M183 protein	AA290916	1	1	0	+		+	+	+
DKFZP434N093 protein	AL048930	1	0	1	+	+	+	+	+
DKFZP434N126 protein	AI540978	2	2	0	+	+	+	+	+
DKFZP547E2110 protein	AF151856	1	0	1	+	+	+	+	+
DKFZP564A122 protein	AA311912	3	2	1	+	+	+	+	+
DKFZP564B167 protein(DKFZP564B167)	NM_015415	2	1	1	+	+	+	+	+
DKFZP564C103 protein	AL050269	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
DKFZP564C186 protein	AA314049	1	1	0	+	+	+	+	+
DKFZP564C1940 protein(DKFZP564C1940)	Hs.3804	2	2	0	+	+	+	+	+
DKFZP564D177 protein	C17891	3	3	0	+	+	+	+	+
DKFZP564G2022 protein	N27605	5	5	0	+	+	+	+	+
DKFZp564J157 protein	AA417302	7	6	1	+	+	+	+	+
DKFZP564K247 protein	Hs.7917	3	1	2	+	+	+	+	+
DKFZP564M082 protein (DKFZP564M082),	Hs.38044	1	1	0			+	+	+
DKFZP564M182 protein	AJ007398	12	10	2	+	+	+	+	+
DKFZP564M2423 protein (DKFZP564M2423)	NM_015640	2	1	1	+	+	+	+	+
DKFZP564O1863 protein	AA449055	3	2	1	+	+	+	+	+
DKFZP566C0424 protein	Hs.226770	1	1	0	+	+	+	+	+
DKFZP566C243 protein	NM_015388	1	0	1	+	+	+	+	+
DKFZP566D193 protein	AA328582	1	1	0	+	+	+	+	+
DKFZP566D213 protein	H66782	1	1	0	+	+	+	+	+
DKFZP566F2124 protein	H13025	2	1	1	+	+	+	+	+
DKFZP566H073 protein	H14136	1	1	0	+	+	+	+	+
DKFZP566I1024 protein	H38504	1	1	0					
DKFZP586A011 protein	AK000639	1	0	1	+	+	+	+	+
DKFZP586D0623 protein	Hs.44468	2	2	0	+	+	+	+	+
DKFZP586D0624 protein	AA171388	2	2	0	+	+	+	+	+
DKFZP586D0824 protein mRNA	Hs.128797	1	0	1	+		+	+	+
DKFZP586F1918 protein	AI014574	1	0	1	+	+	+	+	+
DKFZP586G1722 protein	AF077036	2	2	0	+	+	+	+	+
DKFZP586I111 protein	AL050131	1	1	0	+		+		+
DKFZP586I2223 protein	AA121575	1	1	0	+		+	+	+
DKFZP586J0119 protein(DKFZP586J0119), mRNA	Hs.169474	1	1	0	+	+	+	+	+
DKFZP586J0619 protein	AA077502	2	2	0	+	+	+	+	+
DKFZP586M1824 protein	AL117665	1	0	1	+	+	+	+	+
DKFZP727C091 protein	H22799	1	1	0	+	+	+	+	+
DKFZP727M111 protein	AA587955	1	1	0	+	+	+	+	
DKFZp762D096	Hs.54320	1	1	0	+	+	+	+	+
Dmx-like 1	AJ005821	1	1	0		+	+	+	+
DNA (cytosine-5-)-methyltransferase 1	X63692	3	3	0	+	+	+	+	+
DNA (cytosine-5-)-methyltransferase 3 alpha	AA355824	1	1	0	+	+		+	+
DNA for immunoglobulin heavy-chain variable region, complete sequence, 5 of 5	AB019441.1	1	1	0					
DNA fragmentation factor, 40 kD, beta polypeptide (caspase-activated DNase)	AF064019	1	1	0			+		+
DNA fragmentation factor, 45 kD, alpha polypeptide	U91985	2	2	0		+	+	+	+
DNA mismatch repair protein (hMLH1)	U17840	2	2	0					
DNA polymerase epsilon p12 subunit gene	AF261688	1	0	1					
DNA polymerase mu (Pol mu)	AF176097	2	0	2	+		+	+	+
DNA segment on chromosome 12 (unique) 2489 expressed sequence	X54870	1	1	0					+
DNA topoisomerase III	U43431	1	1	0			+	+	+
DNA, anonymous heat-stable fragment RP11-3A	AB012254	1	0	1					
DnaJ (Hsp40) homolog, subfamily A, member 1	D13388	2	1	1	+	+	+	+	+
DnaJ (Hsp40) homolog, subfamily A, member 3	F00939	4	4	0	+	+	+	+	+
DnaJ (Hsp40) homolog, subfamily B, member 1	D49547	5	5	0	+	+	+	+	+
DnaJ (Hsp40) homolog, subfamily B, member 11	AA121115	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
DnaJ (Hsp40) homolog, subfamily B, member 12	AA679314	1	1	0	+	+	+	+	+
DnaJ (Hsp40) homolog, subfamily B, member 6	AB015799	3	1	2	+	+	+	+	+
DnaJ (Hsp40) homolog, subfamily C, member 3	U28424	1	1	0					
DnaJ (Hsp40) homolog, subfamily C, member 7	U46571	2	2	0	+	+	+	+	+
DnaJ (Hsp40) homolog, subfamily C, member 8	AF083190	1	1	0	+	+	+	+	+
DnaJ protein	AJ001309	2	2	0	+	+	+	+	+
DNA-PK	U35835	2	1	1	+	+	+	+	+
docking protein 2, 56kD	AF034970	1	1	0	+	+			+
dolichyl-diphosphooligosaccharide-protein glycosyltransferase	D89060	1	1	0					
dolichyl-P-Glc:Man9GlcNAc2-PP-dolichylglucosyltransferase (ALG6),	Hs.80042	1	1	0	+		+	+	+
dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit	D86198	1	1	0	+	+	+	+	+
dopamine responsive protein DRG-1	Hs.267288	2	2	0	+	+	+	+	+
down-regulator of transcription 1, TBP-binding (negative cofactor 2)	AA043503	2	2	0	+	+	+	+	+
DR1-associated protein 1 (negative cofactor 2 alpha)	U41843	1	0	1					
Dual adaptor of phosphotyrosine and 3-phosphoinositides	AA251658	2	2	0	+	+		+	+
dual specificity phosphatase 1	X68277	5	4	1	+	+	+	+	+
Dual specificity phosphatase 10	N70334	1	1	0	+	+	+	+	+
dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)	AA101289	3	3	0	+	+	+	+	+
dual specificity phosphatase 12	AF119226	2	1	1	+		+	+	+
dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)	L05147	1	1	0	+	+	+	+	+
dual specificity phosphatase 6	X93920	9	8	1	+	+	+	+	+
Duodenal cytochrome b	N75713	1	1	0	+	+	+	+	+
dynactin 1 (p150, Glued (Drosophila) homolog)	X98801	4	4	0	+	+	+	+	+
dynactin 2 (p50)	U50733	2	1	1	+	+	+	+	+
dynactin 4 (p62) (DCTN4), mRNA	NM_016221.2	2	1	1	+	+	+	+	+
dynamitin 2	L36983	1	1	0	+		+	+	+
dynein light chain-A (LOC51143)	Hs.266483	1	1	0	+	+	+	+	+
dynein, axonemal, heavy polypeptide 17	AJ000522	1	1	0		+			+
dynein, axonemal, heavy polypeptide 9	X99947	1	1	0		+			+
dynein, cytoplasmic, heavy polypeptide 1	AB002323	5	4	1	+	+	+	+	+
dynein, cytoplasmic, intermediate polypeptide 2	Hs.66881	2	1	1	+	+	+	+	+
dynein, cytoplasmic, light intermediate polypeptide 2	AF035812	2	2	0	+	+	+	+	+
dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive) (DYSF), mRNA	Hs.143897	6	3	3	+		+	+	+
dyskeratosis congenita 1, dyskerin	AF067008	3	3	0	+	+	+	+	+
dystonia 1, torsion (autosomal dominant; torsin A)	AF007871	1	1	0	+	+	+	+	+
Dystrobrevin binding protein 1	Hs.43481	1	1	0		+	+	+	+
dystrobrevin, beta	AF022728	1	1	0	+		+	+	+
dystrophia myotonica-containing WD repeat motif	L19267	1	1	0	+	+	+	+	+
dystrophia myotonica-protein kinase	L08835	1	1	0					
dystrophin (muscular dystrophy, Duchenne and Becker types), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272	X14298	1	1	0	+	+		+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
E1B-55kDa-associated protein 5	AA482023	2	2	0	+	+	+	+	+
E2F transcription factor 3	D38550	2	2	0	+	+	+	+	+
E2F transcription factor 4, p107/p130-binding	X86096	1	1	0	+	+	+	+	+
E2F transcription factor 5, p130-binding	U15642	2	2	0		+	+	+	+
E3 ubiquitin ligase SMURF2	AF301463	1	0	1	+	+	+	+	+
E74-like factor 1 (ets domain transcription factor)	M82882	2	1	1		+	+	+	+
E74-like factor 4 (ets domain transcription factor) ,	AF000670	4	4	0	+	+		+	+
EAF1 protein (EAF1),	Hs.350352	1	1	0					
EARLY ACTIVATION ANTIGEN CD69 (EARLY T-CELL ACTIVATION ANTIGEN P60) (non-exact 54%)	Q07108	1	1	0					
early development regulator 2 (homolog of polyhomeotic 2)	U89278	6	5	1	+	+	+	+	+
EBNA-2 co-activator (100kD)	U22055	4	3	1	+	+	+	+	+
EBP50-PDZ interactor of 64 kD (EPI64),	Hs.349311	2	2	0					
Ecotropic viral integration site 2A	NM_014210	3	0	3	+	+	+		+
ecotropic viral integration site 2B	M60830	11	7	4					
ECSIT	NM_016581	1	0	1	+	+	+	+	+
ectonucleoside triphosphate diphosphohydrolase 1	U87967	2	2	0	+	+	+	+	+
Ectonucleoside triphosphate diphosphohydrolase 6 (putative function)	AA948572	1	1	0	+	+	+	+	+
egf-like module containing, mucin-like, hormone receptor-like sequence 1	X81479	1	0	1				+	
egf-like module containing, mucin-like, hormone receptor-like sequence 2(EMR2)	NM_013447	3	1	2	+	+			+
EGF-like module-containing mucin-like receptor EMR3 (EMR3),	Hs.326777	1	0	1				+	
EGF-like-domain, multiple 4	Hs.158200	2	2	0			+		+
EGF-like-domain, multiple 5	AA367258	9	6	3	+	+	+	+	+
EH-domain containing 1	AF001434	3	1	2	+	+	+	+	+
EH-domain containing 4 (EHD4),	Hs.55058	1	1	0	+	+	+	+	+
elaC (E. coli) homolog 2 (ELAC2), mRNA	Hs.12124	2	1	1	+	+	+	+	+
elastin (supravalvular aortic stenosis, Williams-Beuren syndrome)	M24782	1	1	0	+	+	+	+	+
Electron-transfer-flavoprotein, alpha polypeptide (glutaric aciduria II)	H00256	3	3	0	+	+	+	+	+
ELG protein (HSA277841), mRNA /cds=(165,1187) /gb=NM_018553 /gi=8923770 /ug=Hs.120963 /len=2709	Hs.120963	1	1	0	+	+	+	+	+
ELK3, ETS-domain protein (SRF accessory protein 2)	Z36715	2	2	0	+		+		+
ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR	AA039616	1	1	0	+	+	+	+	+
elongation factor 1-alpha mRNA, complete cds	AY043301.1	1	1	0					
Elongation factor for selenoprotein translation	R53658	3	3	0	+	+	+	+	+
elongation protein 4 homolog (S. cerevisiae)	AA227345	1	0	1	+	+	+	+	+
embryonic ectoderm development	U90651	1	1	0	+	+	+		+
emopamil-binding protein (sterol isomerase); 3-beta-hydroxysteroid-delta-8,delta-7-isomerase; Chondrodysplasia punctata-2, X-linked dominant (Happle syndrome)	Hs.75105	1	0	1	+	+	+	+	+
ems1 sequence (mammary tumor and squamous cell carcinoma-associated (p80/85 src substrate)	M98343	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
endogenous retroviral element HC2	Z70664	1	1	0					
Endomembrane protein emp70 precursor isolog	N24239	1	1	0	+	+	+	+	+
endoplasmic reticulum glycoprotein	U10362	2	0	2	+	+	+	+	+
endosulfine alpha	X99906	1	1	0	+	+	+	+	+
endothelial differentiation, sphingolipid G-protein-coupled receptor, 1	M31210	4	3	1	+		+	+	+
Endothelial PAS domain protein 1	AF052094	1	1	0	+	+	+	+	+
endothelin converting enzyme 1	X91922	4	4	0					
endozepine (putative ligand of benzodiazepine receptor) mRNA, complete cds	M15887.1	1	0	1	+	+	+	+	+
enhancer of filamentation 1 (cas-like docking; Crk-associated substrate related)	L43821	1	1	0	+	+	+	+	+
Enhancer of polycomb 1	AA885860	1	1	0	+	+	+	+	+
enhancer of zeste (Drosophila) homolog 1	AB002386	1	1	0	+	+	+	+	+
ENIGMA protein	AF265209	1	0	1	+	+	+	+	+
ENO2 gene for neuron specific (gamma) enolase	X51956	1	1	0					
enolase 1, (alpha)	M14328	22	15	7	+	+	+	+	+
eNOS interacting protein (NOSIP),	Hs.7236	2	2	0	+	+	+	+	+
enoyl Coenzyme A hydratase 1, peroxisomal	U16660	3	3	0	+	+	+	+	+
enoyl Coenzyme A hydratase, short chain, 1, mitochondrial	D13900	1	1	0	+	+	+	+	+
ENOYL-COA HYDRATASE, MITOCHONDRIAL PRECURSOR (SHORT CHAIN ENOYL-COA HYDRATASE) (SCEH) (ENOYL-COA HYDRATASE 1) (low match, non-exact 56%)	P30084	1	1	0					
enzymatic glycosylation-regulating gene (Gcnt1), mRNA	NM_022276.1	4	4	0					
eomesodermin (Xenopus laevis) homolog (EOMES),	Hs.301704	3	3	0					+
epb72	X85117	1	0	1					
EphB1	AF037332	1	1	0					
epidermal growth factor receptor pathway substrate 15	U07707	2	2	0	+	+	+		+
epidermal growth factor receptor substrate EPS15R (EPS15R), mRNA	Hs.147176	1	1	0	+	+			+
EPIDIDYMAL SECRETORY PROTEIN E1 PRECURSOR (EPI-1) (HE1) (EPIDIDYMAL SECRETORY PROTEIN 14.6) (ESP14.6)	Q15668	2	2	0					
epididymal secretory protein(19.5kD) (HE1), mRNA /cds=(10,465) /gb=NM_006432/gi=5453677 /ug=Hs.119529 /len=808	Hs.119529	2	2	0					
epithelial membrane protein 3	U87947	3	3	0		+		+	+
Epithelial protein lost in neoplasm beta	AA553659	2	2	0		+	+	+	+
epithelial stromal interaction 1 (breast) (EPSTI1),	Hs.343800	1	1	0	+	+	+	+	+
epoxide hydrolase 1, microsomal (xenobiotic)	L29766	4	3	1					
Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled receptor)	L08177	2	1	1	+		+		+
erythrocyte adducin alpha subunit (=L29296)	X58141	3	3	0					
erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)	M14993	1	1	0				+	+
erythrocyte membrane protein band 7.2 (stomatin)	X60067	6	3	3	+	+	+	+	+
erythroleukemic cells K562	L25343	2	2	0					
EST,Hs.275805	Hs.275805	1	0	1					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
esterase D mRNA,	Hs.82193	1	0	1	+	+	+	+	+
estrogen-related receptor alpha (ESRRA), mRNA	Hs.110849	1	1	0	+	+	+		+
ESTs(Hs.21509)	Hs.21509	1	0	1	+	+	+		
ESTs(Hs.30913)	Hs.30913	1	0	1	+				
ESTs, Weakly similar to A48018 mucin 7 precursor, salivary - human	BG210561.1	1	0	1	+	+	+		
Ets2 repressor factor	U15655	1	1	0	+	+	+	+	+
eukaryotic translation elongation factor 1 alpha 1	X16869	560	460	100	+	+	+	+	+
eukaryotic translation elongation factor 1 alpha 1-like 14 (EEF1A1L14)	L41490	1	0	1					
eukaryotic translation elongation factor 1 beta 2	X60489	8	8	0	+	+	+	+	+
eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)	Z21507	5	4	1	+	+	+	+	+
eukaryotic translation elongation factor 1 gamma	Z11531	57	46	11	+	+	+	+	+
eukaryotic translation elongation factor 2	X51466	6	3	3	+	+	+	+	+
eukaryotic translation initiation factor 2, subunit 1 (alpha, 35kD)	J02645	4	4	0	+	+	+	+	+
eukaryotic translation initiation factor 2, subunit 2 (beta, 38kD)	M29536	1	1	0	+	+	+	+	+
eukaryotic translation initiation factor 2, subunit 3 (gamma, 52kD) (EIF2S3)	NM_001415	4	3	1	+	+	+	+	+
eukaryotic translation initiation factor 2-alpha kinase 3; eukaryotic translation initiation factor 2 alpha kinase 3 mRNA sequence	Hs.102506	1	0	1	+	+	+	+	+
Eukaryotic translation initiation factor 2B, subunit 2 (beta, 39kD)	AA226998	1	1	0	+	+	+	+	+
eukaryotic translation initiation factor 2C, 1 (EIF2C1), mRNA	Hs.14520	3	3	0	+	+		+	+
Eukaryotic translation initiation factor 2C, 2	AA313789	2	2	0	+	+	+	+	+
EUKARYOTIC TRANSLATION INITIATION FACTOR 3 SUBUNIT 6 (EIF-3 P48) (MAMMARY TUMOR-ASSOCIATED PROTEIN INT-6) (VIRAL INTEGRATION SITE PROTEIN INT-6)	Q64252	1	0	1					
Eukaryotic translation initiation factor 3, subunit 1 (alpha, 35kD)	AA186766	2	2	0	+	+	+	+	+
eukaryotic translation initiation factor 3, subunit 10 (theta, 150/170kD)	U78311	4	3	1	+	+	+	+	+
eukaryotic translation initiation factor 3, subunit 2 (beta, 36kD)	U36764	3	3	0	+	+	+	+	+
eukaryotic translation initiation factor 3, subunit 3 (gamma, 40kD)	U54559	7	6	1	+	+	+	+	+
eukaryotic translation initiation factor 3, subunit 4 (delta, 44kD)	AF020833	10	10	0	+	+	+	+	+
eukaryotic translation initiation factor 3, subunit 5 (epsilon, 47kD)	U94855	1	1	0	+	+	+	+	+
eukaryotic translation initiation factor 3, subunit 6 (48kD), clone MGC:14568 IMAGE:4080571, mRNA, complete cds	BC008419.1	7	5	2	+	+	+	+	+
eukaryotic translation initiation factor 3, subunit 7 (zeta, 66/67kD)	U54558	6	5	1	+	+	+	+	+
eukaryotic translation initiation factor 3, subunit 8 (110kD) (EIF3S8)	NM_003752	10	8	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
eukaryotic translation initiation factor 3, subunit 9 (eta, 116kD)	AA078210	1	1	0	+	+	+	+	+
eukaryotic translation initiation factor 4 gamma, 1	AF012088	4	4	0					
Eukaryotic translation initiation factor 4 gamma, 2	NM_001418	10	9	1	+	+	+	+	+
eukaryotic translation initiation factor 4A, isoform 1	D13748	30	25	5	+	+	+	+	+
eukaryotic translation initiation factor 4A, isoform 2 mRNA sequence	Hs.173912	3	2	1	+	+	+	+	+
Eukaryotic translation initiation factor 4B	N30971	20	18	2	+	+	+	+	+
eukaryotic translation initiation factor 4C mRNA	Hs.4310	1	0	1	+	+	+	+	+
eukaryotic translation initiation factor 4E binding protein 2	L36056	4	4	0	+	+	+	+	+
eukaryotic translation initiation factor 5	U49436	3	3	0	+	+	+	+	+
eukaryotic translation termination factor 1	X81625	3	3	0	+	+	+	+	+
EV12 protein	M55267	2	2	0					
Ewing sarcoma breakpoint region 1	X66899	3	3	0	+	+	+	+	+
EWS protein/E1A enhancer binding protein chimera	U35622	2	1	1		+	+	+	+
EWS/FLI1 activated transcript 2 homologue (EAT-2)	AF020264	2	2	0					
excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)	M28650	1	1	0	+	+	+	+	+
excision repair cross-complementing rodent repair deficiency, complementation group 2 (xeroderma pigmentosum D)	X52221	1	1	0	+			+	+
excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G (Cockayne syndrome))	X69978	2	2	0	+	+	+	+	+
exonuclease NEF-sp (LOC81691), mRNA	Hs.177926	1	0	1	+	+	+	+	+
exostoses (multiple)-like 3	AF001690	1	1	0	+	+	+	+	+
expressed in activated T/LAK lymphocytes	AB002405	3	3	0	+		+	+	+
extracellular glycoprotein EMILIN-2 precursor (EMILIN-2),	Hs.270143	1	0	1		+	+	+	+
faciogenital dysplasia (Aarskog-Scott syndrome)	U11690	1	0	1	+	+	+	+	
false p73 target protein gene, complete cds	AF321003.1	1	0	1					
family with sequence similarity 11 member A	Hs.11522	1	1	0	+	+	+	+	+
family with sequence similarity 16, member A, X-linked	M86934	1	1	0	+	+	+	+	+
Fanconi anaemia group A	Z83095	2	2	0					
Fanconi anemia, complementation group A	X99226	1	1	0	+	+		+	+
Fanconi anemia, complementation group F	AK023153	1	0	1	+	+	+	+	+
far upstream element (FUSE) binding protein 1	U05040	2	2	0	+	+		+	+
Far upstream element (FUSE) binding protein 3	U69127	1	0	1	+	+		+	+
farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase)	J05262	1	1	0	+	+	+	+	+
farnesyl-diphosphate farnesyltransferase 1	X69141	4	3	1	+	+	+	+	+
farnesyltransferase, CAAX box, alpha (FNTA),	Hs.349822	1	1	0					
farnesyltransferase, CAAX box, beta	L00635	2	2	0	+	+	+	+	+
Fas-interacting serine/threonine kinase 3 (FIST3)	AF305239	2	1	1		+	+	+	+
Fas-ligand associated factor 1	U70667	2	2	0	+	+	+	+	+
Fatty acid binding protein 1, liver	AA349356	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
fatty acid coenzyme A ligase 5	BAA86054	1	0	1					
fatty acid desaturase 1 (FADS1), mRNA	Hs.132898	1	1	0	+	+	+	+	+
fatty aldehyde dehydrogenase (ALDH10)	U75286	1	1	0					
fatty-acid-Coenzyme A ligase, long-chain 1	L09229	1	1	0	+	+	+	+	+
fatty-acid-Coenzyme A ligase, long-chain 2	D10040	10	3	7	+	+	+	+	+
fatty-acid-Coenzyme A ligase, long-chain 4	AF030555	1	1	0	+	+	+	+	+
fatty-acid-Coenzyme A ligase, long-chain 5 (FACL5), mRNA	Hs.11638	1	1	0	+	+	+	+	+
fatty-acid-Coenzyme A ligase, long-chain 3 (FACL3),	Hs.268012	1	1	0	+	+	+	+	+
f-box and leucine-rich repeat protein 11 (FBXL11),	Hs.219614	3	3	0	+	+	+	+	+
f-box and leucine-rich repeat protein 3A (FBXL3A),	Hs.7540	2	1	1	+	+	+	+	+
F-box and leucine-rich repeat protein 5	Hs.5548	10	4	6	+	+	+	+	+
F-box only protein 25 (FBXO25),	Hs.81001	1	1	0	+	+	+	+	+
F-box only protein 7 (FBXO7),	Hs.5912	3	3	0	+	+	+	+	+
F-box only protein 9	AA211532	1	1	0					
F-box protein FBW7 (AGO), transcript variant 1,	Hs.31945	1	1	0	+	+	+	+	+
F-box protein Fbx6 (FBX6)	AF129536	1	0	1			+		
Fc alpha receptor b	U56236	1	0	1					
Fc fragment of IgA,	X54150	1	1	0					
Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide	M33195	2	2	0		+	+	+	+
Fc fragment of IgE, low affinity II, receptor for (CD23A)	X04772	2	2	0					+
Fc fragment of IgG binding protein	D84239	1	1	0			+	+	+
Fc fragment of IgG, low affinity IIa, receptor for (CD32)	Y00644	17	9	8	+	+	+	+	+
Fc fragment of IgG, low affinity IIb, receptor for (CD32)	M90746	7	6	1					
Fc fragment of IgG, low affinity IIIb, receptor for (CD16)	J04162	63	47	16	+	+	+	+	+
Fc fragment of IgG, receptor, transporter, alpha (FCGRT)	NM_004107	6	3	3	+	+	+	+	+
Fc receptor-like protein 1 (FCRH1), mRNA	Hs.180644	2	2	0				+	
Fc receptor-like protein 2 (FCRH2) mRNA,	Hs.194976	2	2	0					+
fc-fgr	Z13983	1	1	0					
Fc-gamma-receptorIIIB(FCGR3B) gene, exon 5 and incomplete (missing exon 3) mRNA	M90746.1	1	0	1					
Fc-gamma-RIIA IgG Fc receptor class IIA (5'flank)	X68090	1	0	1					
FcRN protein gene, complete cds	AF220542	1	1	0					
feline sarcoma (Snyder-Theilen) viral (v-fes)/Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog	X52192	4	4	0	+		+		+
Fer-1 (C.elegans)-like 3 (myoferlin)	AA368629	1	1	0	+	+	+	+	+
Ferritin, heavy polypeptide 1	AF088851	8	5	3	+	+	+	+	+
ferritin, light polypeptide	M11147	28	22	6	+	+	+	+	+
fertilin alpha pseudogene	Y09232	1	1	0					
fetal Alzheimer antigen	U05237	2	2	0	+	+	+	+	+
fibrillarin	X56597	1	1	0	+	+	+	+	+
fibrinogen-like 2	AF104015	7	5	2					
fibroblast growth factor (acidic) intracellular binding protein (FIBP), mRNA	XM_035746.2	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome)	M35718	1	1	0					
fibroblast growth factor receptor 2 (K-sam-II) (contains Alu repeat)	D14872	1	0	1					
Fibroblast growth factor receptor-like 1	AA442297	2	2	0	+		+		+
fibronectin 1 (FN1), mRNA	XM_055254.2	1	0	1					
fibronectin 1 isoform 1 preproprotein; cold-insoluble globulin	Hs.287820	1	0	1	+	+	+	+	+
fibronectin type 3 and SPRY domain-containing protein (FSD1),	Hs.28144	1	1	0	+				
Fibulin 1	N35172	1	1	0	+	+	+	+	+
ficolin (collagen/fibrinogen domain-containing lectin) 2 (hucolin)	S80990	23	21	2					
ficolin (collagen/fibrinogen domain-containing) 1	D83920	7	1	6			+	+	+
filamin A, alpha (actin-binding protein-280)	X53416	2	2	0	+	+	+	+	+
filamin B, beta (actin-binding protein-278)	AF043045	2	1	1	+	+	+	+	+
Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived); ribosomal protein S30	X65923	2	2	0	+	+	+	+	+
FIP2 (alternatively translated)	AF061034	1	1	0	+	+	+	+	+
FK506-binding protein 1A (12kD)	M34539	7	5	2	+	+	+	+	+
FK506-binding protein 5	U71321	6	5	1	+	+	+	+	+
flavohemoprotein b5+b5R	AF169803	1	0	1			+	+	+
flightless I (Drosophila) homolog	U01184	6	5	1	+	+	+	+	+
FLJ00004 protein, FGD3 FGD1 family, member 3,partial cds /cds=UNKNOWN /gb=AK000004	Hs.5013	4	3	1	+		+	+	+
FLJ00007 protein, partial cds /cds=UNKNOWN /gb=AK000007 /gi=7209314 /ug=Hs.59563 /len=4303	Hs.59563	1	1	0	+		+		+
FLJ00012 protein, partial cds /cds=UNKNOWN /gb=AK024423	Hs.21051	6	4	2	+			+	+
FLJ00013 protein, partial cds	AK024424.1	1	1	0	+	+			
FLJ00015 protein, EMR2 Egf-like module containing, mucin-like, hormone receptor-like partial cds /cds=UNKNOWN /gb=AK024426	Hs.137354	2	1	1	+	+			+
FLJ00026 protein, partial cds /cds=UNKNOWN /gb=AK024436	Hs.171118	5	4	1		+	+	+	+
FLJ00036 protein, ABCC10 ATP-binding cassette, sub-family C (CFTR/MRP), member 10	AK024446.1	1	1	0	+		+		
FLJ00045 protein, partial cds /cds=UNKNOWN /gb=AK024453	Hs.16390	1	1	0	+	+	+	+	+
FLJ00049 protein	Hs.288853	1	0	1			+		
FLJ00052 protein	AK024460	1	0	1	+	+	+	+	+
FLJ00056 protein, partial cds /cds=UNKNOWN /gb=AK024463	Hs.22451	1	1	0	+	+	+	+	+
FLJ00060 protein, partial cds /cds=UNKNOWN /gb=AK024467	Hs.288520	1	0	1					
FLJ00066 protein, cDNA DKFZp434O1572 partial cds /cds=UNKNOWN /gb=AK024473	Hs.194478	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
FLJ00067 protein, Munc13-4 protein, partial cds /cds=UNKNOWN /gb=AK024474	Hs.41045	1	0	1	+		+		+
FLJ00068 protein, DKFZP434I216 protein, partial cds /cds=UNKNOWN /gb=AK024475	Hs.49725	1	1	0	+	+	+	+	+
FLJ00069 protein, Homolog of yeast CHL12, partial cds /cds=UNKNOWN /gb=AK024476	Hs.153850	1	1	0	+				+
FLJ00084 protein, OGFR Opioid growth factor receptor,	Hs.67896	1	1	0	+		+		+
FLJ00108 protein,SPON2 Spondin 2, extracellular matrix protein	Hs.288126	1	1	0	+	+	+	+	+
FLJ00225 protein	AK074152.1	1	1	0	+	+	+	+	+
FLJ00228 protein	AK074155.1	1	1	0		+	+	+	+
FLJ00239 protein	AK074166.1	1	1	0	+	+	+	+	+
FLJ00368 protein	Hs.80305	2	1	1	+	+	+	+	+
FLJ20288 protein	AK000295	2	2	0	+	+	+	+	+
FLN29 gene product	AB007447	3	3	0	+		+		+
flotillin 1	AF085357	3	2	1	+	+	+	+	+
flotillin 2	M60922	10	8	2	+	+	+	+	+
flow sorted Human Chromosome 11 specific cosmid Homo sapiens STS genomic, sequence tagged site	G28971.1	1	1	0					
FMET-LEU-PHE RECEPTOR (FMLP RECEPTOR) (N-FORMYL PEPTIDE RECEPTOR) (FPR)	P21462	1	0	1					
FN5 protein (FN5),	Hs.259737	1	1	0	+	+	+	+	+
folate receptor 2 (fetal)	AF000380	1	1	0					
follistatin-like 1	D89937	1	1	0					
folypolyglutamate synthetase (FPGS) gene, partial cds, alternatively spliced	AY007209.1	1	1	0					
for protein disulfide isomerase-related	D49490	1	0	1	+	+	+	+	+
forkhead box O3A	AF032886	1	1	0	+		+	+	+
formin-like	Hs.100217	2	1	1	+		+	+	+
formyl peptide receptor 1	M60627	17	12	5		+	+	+	+
Formyl peptide receptor-like 1	NM_001462	7	2	5	+				+
FOXJ2 forkhead factor (LOC55810), mRNA /cds=(489,2213) /gb=NM_018416 /gi=8923841 /ug=Hs.120844 /len=4873	Hs.120844	3	2	1	+	+	+	+	+
fracture callus 1 (rat) homolog	AA045857	1	1	0	+	+	+	+	+
fragile X mental retardation 1	L29074	1	1	0					
fragile X mental retardation, autosomal homolog 1	U25165	1	1	0	+	+	+	+	+
frequently rearranged in advanced T-cell lymphomas	U58975	1	0	1				+	
Frequently rearranged in advanced T-cell lymphomas 2	BE314187	2	0	2		+	+	+	+
Friend leukemia virus integration 1	S45205	6	4	2	+	+	+	+	+
fructose-1,6-bisphosphatase 1	D26054	1	1	0	+		+	+	+
FSHD region gene 1	NM_004477	2	0	2	+			+	+
FSHD-associated repeat DNA, proximal region	U85056	1	1	0					
FtsJ homolog 3 (E. coli) (FTSJ3),	Hs.257486	1	1	0	+	+	+	+	+
fucose-1-phosphate guanylyltransferase	AF017445	1	1	0	+	+	+	+	+
full length insert cDNA clone YP91F02	AF085891	1	0	1				+	
full length insert cDNA clone ZD17D11	AF086232.1	1	1	0		+			
fumarate hydratase	U59309	3	1	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
fumarylacetoacetate hydrolase (fumarylacetoacetase)	M55150	1	1	0	+	+	+	+	+
FUS (low match)	X99006	1	1	0					
fused toes (mouse) homolog (FTS),	Hs.288929]	1	1	0	+	+	+	+	+
FXRD domain-containing ion transport regulator 5 (FXRD5),	Hs.333418	2	1	1	+	+		+	+
FYN oncogene related to SRC, FGR, YES	S74774	3	3	0	+	+	+	+	+
FYN-binding protein (FYB-120/130)	U93049	20	18	2			+	+	
FYVE zinc finger homologue (81% aa)	AL032675	1	0	1					
G protein Golf alpha	U55184	1	0	1					
G protein pathway suppressor 1	R20357	2	1	1	+	+	+	+	+
G protein-coupled receptor 64 (non-exact 59%)	X81892	1	1	0			+		
G protein-coupled receptor 65 (GPR65), mRNA	XM_007392.3]	2	2	0					
G protein-coupled receptor 84	NM_020370	1	0	1					
G protein-coupled receptor 86 (GPR86), mRNA	Hs.13040	5	2	3	+	+		+	+
G protein-coupled receptor 9	U32674	2	2	0					
G protein-coupled receptor kinase 6	L16862	2	2	0	+	+		+	+
G protein-coupled receptor kinase 7	AA256781	1	1	0	+	+	+	+	+
G protein-coupled receptor kinase-interactor 1	AA464015	1	1	0	+	+	+	+	+
G protein-coupled receptor kinase-interactor 2	D63482	2	2	0	+	+	+	+	+
G1 to S phase transition 1	X17644	2	2	0	+	+	+	+	+
g20 protein (LOC51161),	Hs.21050	1	1	0	+	+	+	+	+
GABA(A) receptor-associated protein (GABARAP),	Hs.7719	2	1	1	+	+	+	+	+
GABA(A) receptor-associated protein like 1 (GABARAPL1),	Hs.336429]	2	0	2	+	+	+	+	+
galactosamine (N-acetyl)-6-sulfate sulfatase (Morquio syndrome, mucopolysaccharidosis type IVA)	D17616	1	1	0					
galactose-1-phosphate uridylyltransferase	M60091	2	2	0	+	+	+	+	+
galactose-4-epimerase, UDP-	L41668	1	0	1	+	+	+	+	+
galactosidase, alpha	X14448	2	0	2					
galactosidase, beta 1	M34423	5	5	0	+	+	+	+	+
gamma-aminobutyric acid (GABA) B receptor, 1	Y11044	3	2	1	+	+		+	+
gamma-parvin (PARVG) mRNA, complete cds	AF237772.1	2	2	0	+		+		+
gamma-tubulin complex protein 2	AF042379	1	0	1	+	+	+	+	+
ganglioside expression factor 2	AJ010569	1	0	1	+	+	+	+	+
GAP-associated tyrosine phosphoprotein p62 (Sam68) (SAM68)	NM_006559	1	0	1	+	+	+	+	+
Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog	M19722	11	7	4	+	+			+
GATA-binding protein 2	M68891	1	1	0					
GATA-binding protein 3	M69106	1	1	0		+	+	+	+
GCIP-interacting protein p29 (P29),	Hs.20013]	2	2	0	+	+	+	+	+
GCN1 (general control of amino-acid synthesis 1, yeast)-like 1	U77700	2	2	0	+	+	+	+	+
GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 1	D64007	3	3	0	+	+	+	+	+
GDP dissociation inhibitor.1 (GDI1)	NM_001493	2	1	1	+	+	+	+	+
GDP dissociation inhibitor 2	Y13286	10	4	6	+	+	+	+	+
gelsolin (amyloidosis, Finnish type)	X04412	6	3	3	+	+	+	+	+
GELSOLIN PRECURSOR	P06396	1	0	1					
Gem-interacting protein	AA056001	2	2	0	+	+			+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
gene amplified in squamous cell carcinoma 1; KIAA0780 protein	AB018323	1	0	1			+	+	
gene for polyubiquitin	AB003730	1	0	1					
gene for thymosin beta-4	AJ295158.1	1	1	0					
gene from PAC 42616 /cds=(24,1049)	Hs.105911	1	1	0					
general mitochondrial matrix processing protease (MPP) (=D21064 KIAA0123)	M57728	1	1	0					
general transcription factor II, i	Y14946	12	8	4	+	+	+	+	+
general transcription factor IIA, 2 (12kD subunit) mRNA sequence	Hs.76362	1	0	1	+	+	+	+	+
general transcription factor IIB (GTF2B)	NM_001514	1	0	1	+	+	+	+	+
general transcription factor IIF, polypeptide 1 (74kD subunit)	X64037	2	2	0	+	+	+	+	+
general transcription factor IIF, polypeptide 2 (30kD subunit)	X16901	1	0	1	+	+	+	+	+
general transcription factor IIH, polypeptide 1 (62kD subunit)	M95809	2	2	0	+	+	+	+	+
general transcription factor IIH, polypeptide 2 (44kD subunit)	U80017	2	1	1					
general transcription factor IIH, polypeptide 3 (34kD subunit)	Z30093	2	2	0	+	+	+	+	
general transcription factor IIH, polypeptide 4 (52kD subunit)	Y07595	3	3	0	+	+	+	+	+
general transcription factor IIIA	U14134	2	2	0	+	+	+	+	+
general transcription factor IIIC, polypeptide 1 (alpha subunit, 220kD)	U02619	1	1	0	+			+	+
general transcription factor IIIC, polypeptide 2 (beta subunit, 110kD)	D13636	5	4	1	+	+	+	+	+
general transcription factor IIIC, polypeptide 3 (102kD)	AF133123	1	0	1	+		+	+	+
general transcription factor IIIC, polypeptide 5 (63kD) (GTF3C5),	Hs.286088	2	2	0	+	+	+	+	+
genes encoding RNCC protein, DDAH protein, Ly6-C protein, Ly6-D protein and immunoglobulin receptor	AJ012008	1	0	1					
genethonin 1	AF062534	1	0	1	+	+	+	+	+
geranylgeranyl diphosphate synthase 1	AA026561	2	2	0	+	+	+	+	+
germline T-cell receptor beta chain TCRBV17S1A1T, TCRBV2S1, TCRBV10S1P, TCRBV29S1P, TCRBV19S1P, TCRBV15S1, TCRBV11S1A1T, HVB relic, TCRBV28S1P, TCRBV34S1, TCRBV14S1, TCRBV3S1, TCRBV4S1A1T, TRY4, TRY5, TRY6, TRY7, TRY8, TCRBD1, TCRBJ1S1, TCRBJ1S2,>	U66061	1	0	1					
germline UBE1L (ubiquitin-activating enzyme homologue)	L34170	1	1	0					
G-gamma globin; hemoglobin, gamma G	Hs.386655	7	0	7	+	+	+	+	+
Gi2 protein alpha subunit (low match)	M20589	1	1	0					
Gi3 alpha protein	X54048	1	0	1					
Gi3 protein alpha subunit	M20597	1	1	0					
GIOT-3 for gonadotropin inducible transcription repressor-3	AI937910	1	0	1			+		
GK001 protein	AA122425	1	1	0	+	+	+	+	+
GL004 protein, clone MGC:895 IMAGE:3502929, mRNA, complete cds	BC003191.1	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
GLE1 (yeast homolog)-like, RNA export mediator	AF058922	1	1	0	+	+	+	+	+
glia maturation factor, beta	AB001106	2	1	1	+	+	+	+	+
glia maturation factor, gamma	Hs.5210	2	0	2		+	+	+	+
glioblastoma overexpressed	AF019226	1	1	0	+	+			+
glioma pathogenesis-related protein	X91911	6	5	1		+	+	+	+
glioma-associated oncogene homolog (zinc finger protein)	X07384	2	2	0	+	+	+		+
glucocerebrosidase (GCB) (=K02920)	J03059	1	1	0					
glucocorticoid modulatory element binding protein 1	AA148980	3	3	0		+	+	+	+
glucos phosphate isomerase (CONTAINS LARGE REPEAT)	L09105	1	1	0					
glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID)	Z12173	3	2	1	+	+	+	+	+
glucosamine-6-phosphate isomerase	AF048826	3	1	2	+	+	+	+	+
glucose phosphate isomerase	K03515	1	0	1	+	+	+	+	+
glucosidase I	NM_006302	2	0	2	+	+	+	+	+
glucosidase, alpha; acid (Pompe disease, glycogen storage disease type II)	Y00839	1	1	0	+	+	+		+
Glucosidase, beta; acid (includes glucosylceramidase)	NM_000157	1	0	1	+	+	+	+	+
Glucuronidase, beta	NM_000181	1	0	1	+	+	+	+	+
glutamate dehydrogenase 1	M37154	2	1	1	+	+	+	+	+
Glutamate rich WD repeat protein GRWD	AA344882	1	1	0	+		+	+	+
glutamate-ammonia ligase (glutamine synthase)	S70290	25	17	8	+	+	+	+	+
glutamate-cysteine ligase, catalytic subunit	M90656	2	2	0		+	+	+	+
glutaminase (GLS)	Hs.239189	3	2	1	+	+	+	+	+
glutamine-fructose-6-phosphate transaminase 1	M90516	2	2	0	+	+	+	+	+
glutamyl-peptide cyclotransferase (glutamyl cyclase)	X71125	2	1	1	+	+	+		+
glutamyl-prolyl-tRNA synthetase	X76013	11	8	3	+	+	+	+	+
glutaredoxin (thioltransferase)	D21238	2	0	2		+	+	+	+
glutathione peroxidase 1	M21304	3	2	1	+	+	+	+	+
Glutathione peroxidase 3 (plasma)	AA278866	2	2	0	+	+	+	+	+
glutathione peroxidase 4 (phospholipid hydroperoxidase)	X71973	1	1	0	+	+	+	+	+
glutathione S-transferase pi	U30897	1	1	0	+	+	+	+	+
glutathione S-transferase subunit 13 homolog	AF070657	3	3	0	+	+	+	+	+
glyceraldehyde-3-phosphate dehydrogenase	J04038	25	19	6					
glycerol kinase (GK)	NM_000167	1	0	1	+	+	+	+	+
glycerol-3-phosphate dehydrogenase	U58767	1	1	0					
Glycerol-3-phosphate dehydrogenase 1 (soluble)	H42447	2	2	0	+	+		+	+
glyceronephosphate O-acyltransferase	AJ002190	3	2	1	+	+	+	+	+
glycogenin	U31525	3	1	2	+	+	+	+	+
glycogenin-2 like mRNA sequence	U94359	2	0	2					
glycolipid transfer protein(LOC51228), mRNA	Hs.135723	1	1	0					
glycophorin C (Gerbich blood group)	X12496	1	1	0		+	+	+	+
glycoprotein A repetitions predominant	Z24680	1	1	0	+	+	+	+	+
glycoprotein A33 (transmembrane)	U79725	1	1	0	+			+	+
Glycoprotein M6A	AA350181	1	1	0	+		+		+
glycoprotein M6B	U45955	1	1	0	+				+
Glycoprotein, synaptic 2	AF222742	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
glycosylphosphatidyl inositol-anchored protein GPI-80	D89974	13	7	6			+		
glycosyltransferase AD-017	Hs.283737	1	0	1	+	+	+	+	+
glycyl-tRNA synthetase	D30658	2	1	1	+	+	+	+	+
glyoxalase I	L07837	1	1	0	+	+	+	+	+
glyoxylate reductase/hydroxypyruvate reductase	AF146018	1	0	1	+	+	+	+	+
GMPR2 for guanosine monophosphate reductase isolog (LOC51292),	Hs.234546	1	1	0	+	+	+	+	+
Golgi apparatus protein 1	U64791	1	1	0	+	+	+	+	+
golgi autoantigen, golgin subfamily a, 1	U51587	2	2	0	+	+	+	+	+
golgi autoantigen, golgin subfamily a, 2	L06147	1	1	0	+	+	+	+	+
golgi autoantigen, golgin subfamily a, 4	X82834	1	1	0	+	+	+	+	+
golgi autoantigen, golgin subfamily b, macrogolgin (with transmembrane signal), 1	D25542	2	2	0	+	+	+	+	+
golgi phosphoprotein 3	AA131990	2	1	1	+	+	+	+	+
golgi phosphoprotein 5 (GOLPH5),	Hs.4291	1	1	0	+	+	+	+	+
Golgi vesicular membrane trafficking protein p18; Bet1 (S. cerevisiae) Bet1p	Hs.23103	1	0	1	+	+	+	+	+
golgi-specific brefeldin A resistance factor 1	D87435	2	2	0	+	+	+	+	+
goliath protein(LOC55819)	NM_018434	1	0	1	+	+	+	+	+
Golli-mbp gene	L18866	1	0	1					
gp25L2 protein	X90872	4	4	0	+	+	+	+	+
graf gene	Y10388	1	0	1					
grancalcin, EF-hand calcium binding protein	M81637	14	9	5	+	+	+		+
granule cell differentiation protein; likely ortholog or rat myotrophin	Hs.21321	1	0	1	+	+	+	+	+
granulin	AF055008	31	22	9	+	+	+	+	+
granulysin	X54101	6	6	0		+		+	+
granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)	M18737	3	3	0		+	+		
granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1)	M57888	1	1	0					
GRB2-associated binding protein 1	AK022142	1	0	1	+	+	+	+	+
GRB2-associated binding protein 2	AB011143	2	2	0	+				+
GRB2-related adaptor protein	U52518	1	1	0	+		+		+
GRB2-related adaptor protein 2	AF090456	1	1	0				+	+
GRO1 oncogene (melanoma growth stimulating activity, alpha)	X54489	1	1	0					
Growth arrest and DNA-damage-inducible 34	R93673	1	1	0	+	+	+	+	+
growth arrest and DNA-damage-inducible gene (GADD153)	S40706	1	1	0	+	+	+	+	+
growth arrest and DNA-damage-inducible, alpha	L24498	1	1	0					
growth arrest-specific 7	AB007854	6	4	2	+	+	+		+
growth factor receptor-bound protein 2	AF063617	3	1	2					
growth suppressor 1 (GROS1), mRNA	Hs.10114	1	1	0	+	+	+	+	+
GrpE-like protein cochaperone (HMGE), mRNA	XM_052625.2	1	1	0					
GS15 (LOC51272),	Hs.288631	2	2	0					
GS3955 protein	D87119	5	5	0	+	+	+	+	+
GTP binding protein 1	U87964	1	1	0	+	+	+	+	+
GTPase activating protein-like	AB011110	2	2	0	+	+	+	+	+
GTPase Rab14	AF112206	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
GTPase regulator associated with the focal adhesion kinase pp125(FAK); KIAA0621 protein	AB014521	2	1	1	+	+		+	+
GTP-binding protein	AF120334	2	2	0	+	+	+	+	+
GTP-binding protein G(K), alpha subunit (=G(I) ALPHA-3)(=GTP-binding regulatory protein Gi alpha-3 chain)	P08754	1	1	0					
GTPBP2 mRNA for GTP-binding like protein 2, complete cds	Hs.13011	1	1	0	+	+	+	+	+
GTT1 protein	AA581018	1	1	0	+	+	+	+	+
guanine monophosphate synthetase	U10860	1	1	0	+	+	+	+	+
guanine nucleotide binding protein	NM_033227.1	1	1	0					
guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2	J03004	4	3	1	+	+	+	+	+
guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3	J03238	7	7	0	+	+	+	+	+
guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide 1	X04409	7	4	3	+	+	+	+	+
guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2	Z18859	1	1	0					
guanine nucleotide binding protein (G protein), beta 5	AF017656	2	2	0	+	+	+	+	+
guanine nucleotide binding protein (G protein), beta polypeptide 1	M36430	1	1	0	+	+	+	+	+
guanine nucleotide binding protein (G protein), beta polypeptide 2	M16514	1	1	0					
guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1	M24194	31	28	3	+	+	+	+	+
Guanine nucleotide binding protein (G protein), gamma 2	AK026425	1	0	1	+	+	+	+	+
guanine nucleotide binding protein (G protein), q polypeptide	U40038	3	3	0	+		+	+	
guanine nucleotide binding protein 10	U31383	1	0	1	+		+	+	+
guanine nucleotide binding protein-like 1	L25665	2	2	0	+	+	+	+	+
guanine nucleotide regulatory protein (ABR)	U01147	2	1	1	+	+	+	+	+
guanine nucleotide-binding protein alpha-subunit gene (G-s-alpha)	M21139	4	4	0					
GUANINE NUCLEOTIDE-BINDING PROTEIN BETA SUBUNIT-LIKE PROTEIN 12.3 (P205) (RECEPTOR OF ACTIVATED PROTEIN KINASE C 1) (RACK1)	P25388	2	1	1					
guanosine monophosphate reductase	M24470	1	1	0	+	+	+	+	+
guanylate binding protein 1, interferon-inducible, 67kD	M55543	14	11	3	+	+	+	+	+
guanylate binding protein 5 (GBP5),	Hs.237809	1	1	0	+			+	+
GW128 protein	AI352599	1	0	1	+	+	+	+	+
H2.0 (Drosophila)-like homeo box 1	U14326	2	2	0					
H2A histone family, member C	Z83742	1	1	0					
H2A histone family, member L	U90551	1	1	0					
H2A histone family, member Y	AF054174	2	0	2	+	+	+	+	+
H2A histone family, member Z	NM_002106	2	0	2	+	+	+	+	+
H2B histone family, member L	Z80783	1	1	0					
H2B histone family, member Q	X57985	1	1	0					
H-2K binding factor-2	L08904	2	1	1					
H3 histone family, member K	Z83735	2	1	1					
H3 histone, family 3A	M11353	12	7	5					
H3 histone, family 3B (H3.3B)	Z48950	23	20	3					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
H326	U06631	1	1	0	+	+	+	+	+
H4 histone family, member G (H4FG), mRNA	XM_030144.1	2	0	2					
HALPHA44 gene for alpha-tubulin, exons 1-3	X06956	3	0	3					
haptoglobin	L29394	3	0	3		+		+	+
HBS1 (S. cerevisiae)-like	NM_006620	2	1	1	+	+	+	+	+
HBV pX associated protein-8	AA214735	1	1	0					
HCDI protein	R74422	5	5	0	+	+	+	+	+
HCMOGT-1 mRNA for sperm antigen, complete cds	Hs.15053	1	1	0	+	+		+	+
HCNP protein; XPA-binding protein 2 (HCNP),	Hs.9822	1	1	0	+	+	+		+
HDCMC28P protein	AA485024	1	1	0	+	+	+	+	+
HDCME13P mRNA, partial cds	AA425562	1	1	0		+	+	+	+
heat shock 105kD	D86956	1	1	0	+	+	+	+	+
heat shock 60kD protein 1 (chaperonin)	M22382	4	3	1	+		+	+	
Heat shock 70kD protein 1A	NM_005345	10	7	3	+	+	+	+	+
heat shock 70kD protein 1B(HSPA1B)	NM_005346	3	0	3	+		+		+
Heat shock 70kD protein 5 (glucose-regulated protein, 78kD)	AF216292	19	17	2	+	+	+	+	+
Heat shock 70kD protein 6 (HSP70B)	NM_002155	6	4	2	+	+	+		
heat shock 70kD protein 8	Y00371	43	36	7					
heat shock 70kD protein 9B (mortalin-2)	L15189	3	2	1	+	+	+	+	+
heat shock 90kD protein 1, alpha	X07270	21	18	3	+	+	+	+	+
heat shock 90kD protein 1, beta	M16660	18	15	3	+	+	+	+	+
HEAT SHOCK COGNATE 71 KD PROTEIN	P11142	2	1	1					
heat shock factor binding protein 1	AF068754	4	2	2	+	+	+	+	+
heat shock protein HSP70 (HSPA7) gene	AF093759	2	0	2					
heat shock protein hsp70-related protein (LOC51182),	Hs.44581	1	1	0	+	+	+	+	+
hect (homologous to the E6-AP (UBE3A) carboxyl terminus) domain and RCC1 (CHC1)-like domain (RLD) 1	U50078	4	2	2	+	+	+	+	+
hect domain and RLD 2	AB002391	1	1	0	+	+	+	+	+
hect domain and RLD 3	D25215	5	2	3	+	+	+	+	+
helicase-moi (KIAA0928),	Hs.87889	1	1	0	+	+	+	+	+
helix-loop-helix basic phosphoprotein (G0S8) gene	L13391	1	0	1					
hematopoietic cell-specific Lyn substrate 1	X16663	39	28	11	+	+	+	+	+
hematopoietic PBX-interacting protein (HPIP),	Hs.8068	4	4	0	+	+	+	+	+
hematopoietic protein 1	M58285	2	0	2			+	+	+
heme oxygenase (decycling) 1	X06985	1	1	0	+	+	+	+	+
heme oxygenase (decycling) 2	AW799975	1	1	0	+	+	+	+	+
hemoglobin, alpha 1	AF105974	97	97	0	+	+	+	+	+
hemoglobin, alpha 2	V00493	235	235	0	+	+	+	+	+
hemoglobin, beta	Hs.155376	165	159	6	+	+	+	+	+
hemoglobin, gamma A (HBG1), mRNA	NM_000559.1	3	0	3	+	+	+	+	+
hemopoietic cell kinase	M16591	13	9	4	+		+	+	+
heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1 (HS3ST3B1), mRNA	Hs.159572	1	1	0	+	+	+	+	+
hepatitis B virus x-interacting protein (9.6kD) (XIP), mRNA	XM_059235.1	1	0	1					
hepatitis C-associated microtubular aggregate protein p44	D28910	2	2	0					
hepatocellular carcinoma associated protein; breast cancer associated gene 1	U92544	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hepatocellular carcinoma-associated antigen 66 (HCA66),	Hs.30670	1	1	0	+		+	+	
hepatoma-derived growth factor (high-mobility group protein 1-like)	D16431	1	1	0	+	+	+	+	+
HepG2 partial cDNA, clone hmd3f07m5	D17042.1	1	0	1	+		+	+	+
HepG2 partial cDNA, clone hmd5c10m5	D17082.1	1	1	0					
hereditary haemochromatosis region (histone 2A-like protein, hereditary haemochromatosis (HLA-H), RoRet, and sodium phosphate transporter (NPT3)) (=Z80783 H2B/I)	U91328	2	2	0					
Hermansky-Pudlak syndrome	U65676	3	2	1	+	+	+	+	+
HERV-E integrase (non-exact 76%aa)	AF026246	1	1	0					
heterogeneous nuclear protein (rat helix destabilizing protein homologue)(FBRNP)	5031692	1	0	1					
heterogeneous nuclear protein similar to rat helix destabilizing protein	S63912	4	4	0					
Heterogeneous nuclear ribonucleoprotein A/B	AI277400	2	2	0	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein A1	X06747	28	25	3	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein A2/B1, isoform B1; heterogeneous nuclear ribonucleoprotein A2; heterogeneous nuclear ribonucleoprotein B1; nuclear ribonucleoprotein particle A2 protein	Hs.232400	7	5	2	+	+	+	+	+
HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN A3 (HNRNP A3) (FBRNP) (D10S102)	P51991	1	0	1					
heterogeneous nuclear ribonucleoprotein C (C1/C2)	M29063	12	6	6	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA-binding protein 1, 37kD)	D55673	3	2	1	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein D-like	AB017019	9	6	3	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein F	L28010	3	3	0	+	+	+	+	+
HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN H' (HNRNP H') (FTP-3)	P55795	5	5	0					
heterogeneous nuclear ribonucleoprotein H1 (H)	L22009	5	4	1	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein H2 (H')	U01923	1	1	0	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein H3 (2H9)	AA085499	3	3	0	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein K	S74678	29	26	3	+	+	+	+	+
Heterogeneous nuclear ribonucleoprotein L	R23534	2	1	1					
heterogeneous nuclear ribonucleoprotein M	L03532	1	1	0	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein R	AF000364	2	2	0	+	+	+	+	+
heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)	AF068846	5	4	1	+	+	+	+	+
hexokinase 1	X66957	3	3	0	+	+	+	+	+
hexokinase 2	Z46376	4	3	1					
hexokinase 3 (white cell)	U51333	3	2	1					+
hexosaminidase A (alpha polypeptide)	M16411	3	3	0	+	+	+	+	+
HHDC for homolog of Drosophila headcase	H29368	2	2	0	+	+		+	+
high density lipoprotein binding protein (vigilin)	M64098	2	1	1	+	+	+	+	+
high-mobility group (nonhistone chromosomal) protein 1	X12597	9	7	2	+	+	+	+	+
high-mobility group (nonhistone chromosomal) protein 17	M12623	9	4	5	+	+	+	+	+
High-mobility group (nonhistone chromosomal) protein 1-like 10	L08048	1	0	1					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
high-mobility group (nonhistone chromosomal) protein 2	M83665	2	2	0					
high-mobility group (nonhistone chromosomal) protein isoforms I and Y	X14957	3	2	1	+	+	+	+	+
high-mobility group box 2; high-mobility group (nonhistone chromosomal) protein 2	Hs.80684	1	0	1		+	+	+	+
hippocalcin-like 1	D16227	2	0	2	+	+	+	+	+
histidine ammonia-lyase	D16626	2	1	1		+		+	
histidyl-tRNA synthetase	Z11518	2	2	0					
histidyl-tRNA synthetase (HARS), mRNA	Hs.77798	1	0	1	+		+	+	+
Histidyl-tRNA synthetase-like	U18937	1	0	1	+	+	+	+	+
histocompatibility antigen (HLA-Cw3), class I	U31372	1	1	0					
Histone acetyltransferase	N24415	3	3	0	+	+		+	+
histone deacetylase 1	U50079	6	6	0					
Histone deacetylase 3	AA884761	2	2	0	+	+	+	+	+
histone deacetylase 5	AF039691	1	1	0	+	+	+	+	+
histone deacetylase 6 (HDAC6),	Hs.67641	1	1	0	+	+	+	+	+
histone deacetylase 7A (HDAC7A), transcript variant 1	Hs.275438	3	1	2	+	+	+	+	+
histone fold protein CHRAC17; DNA polymerase epsilon p17 subunit (CHRAC17)	NM_017443	1	0	1	+	+	+	+	+
HIV-1 rev binding protein 2	BE893936	1	0	1		+	+	+	+
HIV-1 Tat interactive protein, 60 kDa	U40989	2	2	0	+	+	+	+	+
HK2 gene for hexokinase II	Z46362	1	1	0					
HLA class II antigen HLA DRB4 gene, DRB4*0201N null allele and DRB4*0101101 exon 3	U70545.1	1	0	1					
HLA class II SB 3-beta chain	X02964	1	1	0					
HLA class II SB 4-beta chain	X03022	1	1	0					
HLA class III region containing tenascin X (tenascin-X) (=X99296 RD and G11a)	AF019413	1	1	0					
HLA-92	M96338	1	1	0					
HLA-B associated transcript 5 (BAT5), mRNA	NM_021160.1	1	1	0	+	+	+	+	+
HLA-B associated transcript-1	Z37166	1	1	0	+	+	+	+	+
HLA-B associated transcript-2	M33509	3	3	0	+	+	+	+	+
HLA-B associated transcript-3 (D6S52E)	NM_004639	1	0	1	+	+	+	+	+
HLA-B gene (HLA-B*0801 allele)	D83956	1	0	1					
HLA-E gene	X56841	3	0	3	+	+	+	+	+
HLCS gene for holocarboxylase synthetase, complete cds	AB063285.1	1	1	0					
HMBA-inducible	AA902436	1	1	0	+	+	+	+	+
HMG-box containing protein 1	AF019214	4	3	1	+	+	+	+	+
hMLH1 (=U83845)	AB017806	1	1	0					
HMT1 (hnRNP methyltransferase, <i>S. cerevisiae</i>)-like 1	U80213	5	3	2	+	+	+	+	+
HN1 protein (LOC51155)	NM_016185	1	0	1	+	+	+	+	+
hnRNP protein A2	U09123	1	1	0					
hnRNP Q2 mRNA,	Hs.348643	1	1	0					
hnRNPA1 pseudogene, complete sequence; and CC chemokine receptor 8 (CCR8) and CX3C chemokine receptor 1 (CX3CR1) genes, complete cds	AY016370.1	2	2	0					
Homo sapiens cDNA	BF853597.1	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Homo sapiens cDNA 5' end similar to Maleless helicase	AA307838.1	1	1	0	+	+	+	+	+
Homo sapiens cDNA clone IMAGE:2145601 3'	AI453554.1	1	1	0	+	+	+	+	+
Homo sapiens cDNA clone IMAGE:3085425 3'	BF510343.1	1	1	0	+	+	+	+	+
Homo sapiens cig5 mRNA, partial sequence	AF026941	3	3	0	+			+	+
Homo sapiens DC47 mRNA, complete cds	AA281177	1	1	0	+	+	+		+
Homo sapiens GT212 mRNA	L38935	1	0	1	+	+	+	+	+
Homo sapiens HSPC304 mRNA, partial cds	AA180950	1	1	0	+			+	+
Homo sapiens mRNA for FLJ00032 protein, partial cds	X77744	1	1	0					
Homo sapiens mRNA for FLJ00109 protein, partial cds	AK024500	4	1	3	+	+	+	+	+
Homo sapiens mRNA for HKR1, partial cds	R73922	1	1	0	+	+	+	+	+
Homo sapiens mRNA for Hmob33 protein, 3' untranslated region	Y14155	3	3	0	+		+	+	+
Homo sapiens mRNA; cDNA DKFZp434B0920 (from clone DKFZp434B0920)	AA449365	1	1	0	+	+	+	+	+
Homo sapiens PNAS-123 mRNA, complete cds	AA084716	2	2	0		+	+	+	+
Homo sapiens PNAS-130 mRNA, complete cds	AA314638	2	2	0				+	+
Homo sapiens PRO2751 mRNA, complete cds	AA436749	1	1	0	+	+	+	+	+
Homo sapiens putative small membrane protein NID67 mRNA, complete cds	AA099937	3	2	1	+	+		+	+
Homo sapiens regulator of G-protein signaling 18 mRNA, complete cds	N98410	4	3	1		+		+	+
Homo sapiens T-cell activation protein (PGR1) gene, complete cds	AI126461	1	1	0	+	+	+	+	+
Homo sapiens tripartite motif protein TRIM4 isoform beta (TRIM4) mRNA, complete cds; alternatively spliced	AA740742	1	1	0	+	+	+	+	+
Homo sapiens, Similar to clone FLB3816, clone IMAGE:3454380, mRNA	AA501786	1	0	1	+	+	+	+	+
Homo sapiens, Similar to F-box only protein 6, clone MGC:14140, mRNA, complete cds	AA236298	1	1	0	+	+	+		+
Homo sapiens, Similar to pericentriolar material 1, clone MGC:8458, mRNA, complete cds	AA931266	2	1	1	+	+	+	+	+
Homo sapiens, Similar to RIKEN cDNA 1200014H14 gene, clone IMAGE:3139657, mRNA, partial cds	H17703	1	1	0	+	+	+	+	+
Homo sapiens, Similar to RIKEN cDNA 2510039O18 gene, clone IMAGE:3835289, mRNA, partial cds	AA298598	1	1	0	+	+	+	+	+
Homo sapiens, Similar to RIKEN cDNA 5430429M05 gene, clone MGC:13155, mRNA, complete cds	H89857	1	1	0		+		+	+
homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1	D14695	2	1	1	+	+	+	+	+
homolog of yeast exosomal core protein CSL4 (CSL4), mRNA	Hs.14415	1	1	0	+	+	+	+	+
Homolog of yeast long chain polyunsaturated fatty acid elongation enzyme 2	Hs.250175	5	4	1	+	+	+	+	+
homolog of yeast SPB1	AA158316	4	3	1	+	+	+	+	+
HOX12 and RAGE genes	D28769	2	0	2					
HP1-BP74	X99642	6	4	2					
HP43.8KD protein	AI701434	1	0	1	+		+	+	+
Hqp0256 protein	D58503	3	3	0	+	+	+	+	+
Hs.190043, ESTs	AA251643	1	1	0					
Hs.440898, ESTs	AA496792	1	1	0					+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
HS1 binding protein	U68566	2	1	1	+	+	+	+	+
HSPC003 protein	AF070659	2	1	1			+	+	+
HSPC022 protein	Hs.367740	2	1	1					
HSPC028 protein	AF083246	2	1	1	+	+	+	+	+
HSPC030 protein	AA308454	1	1	0	+	+	+	+	+
HSPC035 protein	AF100748	8	6	2	+	+	+	+	+
HSPC038 protein	AA305255	1	1	0	+				+
HSPC041 protein	AA403195	4	2	2	+	+	+	+	+
HSPC049 protein	R67288	2	2	0	+	+	+	+	+
HSPC052 protein	NM_014150	1	0	1		+			
HSPC056 protein	AA315197	1	0	1	+	+	+	+	+
HSPC067 protein	AA375241	1	1	0	+	+	+	+	+
HSPC071 protein	H42540	1	1	0	+	+	+	+	+
HSPC125 protein	Hs.5232	1	0	1		+		+	+
HSPC126 protein	NM_014166	1	0	1	+	+	+	+	+
HSPC128 protein (HSPC128)	NM_014167	1	0	1		+	+	+	+
HSPC142 protein	AA315427	1	1	0	+	+	+	+	+
HSPC144 protein	AA372344	1	1	0	+	+	+	+	+
HSPC154 protein	AA443429	1	1	0	+	+	+	+	+
HSPC157 protein	NM_014179	1	0	1			+		+
HSPC163 protein mRNA sequence	Hs.108854	1	0	1	+	+	+	+	+
HSPC166 protein	R19863	2	1	1	+	+	+	+	+
HSPC182 protein	AI005081	1	1	0	+	+	+	+	+
HSPC189 protein (HSPC189),	Hs.20768	1	1	0	+	+	+	+	+
HSPC272	AF161390	3	2	1	+	+	+	+	+
HSPC274 protein	AF161392	2	0	2	+	+	+	+	+
HSPC339 mRNA, partial cds	AF161457.1	1	1	0		+	+	+	+
HT014	AI201700	2	1	1	+	+	+	+	+
HTGN29 protein	AI214770	2	2	0	+	+	+	+	+
HTM1 Human cDNA	BE439537.1	1	1	0					
Human glucose transporter pseudogene	AA343807	1	1	0	+		+	+	+
Human hbc647 mRNA sequence	U68494	1	1	0	+	+	+	+	+
human immune associated nucleotide 2	P54120	2	2	0					
human immunodeficiency virus type I enhancer-binding protein 2	X65644	2	2	0	+	+	+	+	+
human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end	Hs.203776	1	0	1					
Human L-myc protein gene, complete cds	M19720	1	1	0					
Human mRNA for SB classII histocompatibility antigen alpha-chain	M27487	8	7	1	+	+	+	+	+
Human putative ribosomal protein S1 mRNA	AA346726	4	4	0	+	+	+	+	+
Human TB1 gene mRNA, 3' end	M74089	1	0	1	+	+	+	+	+
Human T-cell receptor active alpha-chain mRNA from JM cell line, complete cds	M15565	1	1	0	+	+	+	+	+
Human transposon-like element mRNA	AA132163	1	0	1	+	+	+	+	+
hum-a-tub2 alpha-tubulin	AF141347	1	0	1	+	+	+	+	+
huntingtin (Huntington disease) (HD),	Hs.79391	1	1	0	+		+	+	+
huntingtin interacting protein 1	Hs.6947	2	2	0	+	+	+	+	+
huntingtin interacting protein 2	AB022436	2	1	1	+	+		+	+
Huntingtin interacting protein E	AA337521	1	1	0	+	+	+		+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Huntington's disease candidate region mRNA fragment /cds=UNKNOWN /gb=L37198	Hs.233617	1	0	1				+	+
hydroxyacyl-Coenzyme A dehydrogenase, type II	AF035555	1	1	0	+	+	+	+	+
hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit	D16480	5	3	2	+	+	+	+	+
hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit	D16481	3	3	0	+	+	+	+	+
hydroxysteroid (17-beta) dehydrogenase 1	U34879	1	1	0					
hypothetical 43.2 Kd protein	AF151812	1	0	1	+	+	+	+	+
HYPOTHETICAL 46.2 KD TRP-ASP REPEATS CONTAINING PROTEIN D2013.2 IN CHROMOSOME II	Q18964	1	1	0					
hypothetical gene CG012 (CG012), mRNA	XM_096710.1	1	1	0					
hypothetical gene DKFZp547M072 (DKFZp547M072), mRNA	XM_072014.1	1	1	0					
hypothetical gene MGC1127, clone MGC:31991 IMAGE:3606188, mRNA, complete cds	BC018765.1	1	1	0	+	+		+	+
hypothetical gene supported by AB000466 (LOC91020), mRNA	XM_035568.2	1	1	0					
hypothetical gene supported by AF068298; AF308286 (LOC92943), mRNA	XM_048247.2	1	1	0					
hypothetical gene supported by AF113539; AK027258; NM_014065 (LOC94374), mRNA	XM_039534.2	1	1	0					
hypothetical gene supported by AK000263; AK024622; BC012775 (LOC91300), mRNA	XM_037562.4	1	1	0					
hypothetical gene supported by AK000743; AK024245; AK024786; BC013788; NM_017948 (LOC115884), mRNA	XM_046894.2	1	1	0					
hypothetical gene supported by AK001285; AK026550; AL050051; BC005398 (LOC131876), mRNA	XM_072283.1	1	1	0					
hypothetical gene supported by AK021753 (LOC90202), mRNA	XM_029889.2	1	0	1					
hypothetical gene supported by AK021776; BC004344 (LOC91782), mRNA	XM_040612.1	1	1	0					
hypothetical gene supported by AK023530; AK023743 (LOC91351), mRNA	XM_037817.2	1	1	0					
hypothetical gene supported by AK056836 (LOC150166), mRNA	XM_097824.1	1	1	0					
hypothetical gene supported by AK057096 (LOC146341), mRNA	XM_096984.1	1	1	0					
hypothetical gene supported by AL359585 (LOC128519), mRNA	XM_072148.1	1	0	1					
hypothetical gene supported by AL583908 (LOC118777), mRNA	XM_071668.1	1	1	0					
hypothetical gene supported by BC002733 (LOC127171), mRNA	XM_072068.1	1	1	0					
hypothetical gene supported by BC008245 (LOC121706), mRNA	XM_071769.1	1	0	1					
hypothetical gene supported by BC010464 (LOC124648), mRNA	XM_071913.1	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hypothetical gene supported by BC010607 (LOC123360), mRNA	XM_071836.1	2	0	2					
hypothetical gene supported by BC011630 (LOC118497), mRNA	XM_071660.1	2	2	0					
hypothetical gene supported by BC015229 (LOC129011), mRNA	XM_059326.1	2	1	1					
hypothetical gene supported by M23161 (LOC90411), mRNA	XM_031540.2	1	0	1					
hypothetical gene supported by XM_058490 (LOC120721), mRNA	XM_058490.1	1	1	0					
hypothetical gene supported by XM_062741 (LOC121682), mRNA	XM_062741.1	1	1	0					
hypothetical gene supported by XM_068110 (LOC132942), mRNA	XM_068110.1	1	0	1					
hypothetical gene supported by XM_070904 (LOC138433), mRNA	XM_070904.1	1	0	1					
hypothetical gene supported by XM_071749 (LOC121303), mRNA	XM_071749.1	1	1	0					
hypothetical gene supported by XM_072027 (LOC126382), mRNA	XM_072027.1	1	1	0					
hypothetical gene supported by XM_072160 (LOC128842), mRNA	XM_072160.1	1	1	0					
hypothetical gene supported by XM_072200 (LOC129308), mRNA	XM_072200.1	1	1	0					
hypothetical gene supported by XM_072440 (LOC136015), mRNA	XM_072440.1	2	2	0					
hypothetical gene supported by XM_072510 (LOC137835), mRNA	XM_072510.1	3	3	0					
hypothetical gene supported by XM_072579 (LOC139784), mRNA	XM_072579.1	1	0	1					
hypothetical gene supported by XM_074535 (LOC123831), mRNA	XM_074535.1	1	0	1					
hypothetical gene supported by XM_076910 (LOC132945), mRNA	XM_076910.1	1	1	0					
hypothetical gene supported by XM_077131 (LOC133579), mRNA	XM_077131.1	1	1	0					
hypothetical protein	D90907	1	1	0					
hypothetical protein	Z78543	1	1	0					
HYPOTHETICAL PROTEIN (127.3 KD PROTEIN B0416.1 IN CHROMOSOME X)	Q11069	1	1	0					
hypothetical protein (384D8_6)	U62317	1	0	1					
HYPOTHETICAL PROTEIN (59.1 KD PROTEIN F22B7.6 IN CHROMOSOME III)	P34409	1	1	0					
hypothetical protein (753P9),	Hs.61469	11	10	1		+			+
hypothetical protein (CIT987SK_2A8_1 chromosome 8)	U96629	1	1	0					
hypothetical protein (clone YU05C01)	AF085987	1	0	1		+		+	
hypothetical protein (clone ZD80D09)	AF086435	2	1	1	+	+	+	+	+
hypothetical protein (CLONE24922),	Hs.98541	2	1	1	+	+		+	+
hypothetical protein (dJ1042K10.4) (non-exact 76%)	AL022238	1	1	0					
hypothetical protein (dJ283E3.6.1 (PUTATIVE novel protein similar to many (archae)bacterial, worm and yeast)	AL031282	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hypothetical protein (dJ465N24.1) (similar to predicted yeast and worm proteins)	AL031432	2	2	0					
hypothetical protein (dJ753P9.2)	AL023653	4	4	0					
hypothetical protein (DKFZP434G0310), mRNA	XM_040095.3	2	2	0					
hypothetical protein (F15C11.2)	Z71260	1	1	0					
hypothetical protein (FLJ10432), mRNA	Hs.143187	1	1	0	+		+	+	+
hypothetical protein (FLJ20232), mRNA	XM_010002.5	2	2	0					
hypothetical protein (FLJ20746),	Hs.92374	1	1	0					
hypothetical protein (FLJ20752), mRNA	Hs.101364	3	3	0	+	+	+	+	+
hypothetical protein (Hs.111244)	AA017475	1	1	0	+	+	+	+	+
hypothetical protein (Hs.158006)	AA149116	2	2	0		+		+	+
Hypothetical protein (Hs.177011)	AF144487	1	0	1	+		+		+
Hypothetical protein (Hs.177507)	N94289	3	3	0	+	+	+	+	+
Hypothetical protein (Hs.20879)	AK000938	1	0	1	+		+	+	+
hypothetical protein (Hs.218329)	AL117237	3	2	1	+	+	+	+	+
hypothetical protein (Hs.224137)	AA075808	1	1	0	+	+	+	+	+
hypothetical protein (Hs.250905)	AA036910	1	1	0					
hypothetical protein (Hs.279813)	AA037686	1	1	0	+	+	+	+	+
hypothetical protein (Hs.279918)	AF151875	1	0	1	+	+	+	+	+
hypothetical protein (Hs.283322)	AA039270	1	1	0	+	+	+	+	+
Hypothetical protein (Hs.288224)	N44254	1	1	0	+	+	+	+	+
Hypothetical protein (Hs.36237)	NM_016410	1	0	1	+	+	+	+	+
hypothetical protein (Hs.4973)	AF151815	2	2	0	+	+	+	+	+
hypothetical protein (Hs.95665) (54% aa)	AL079292	1	0	1	+	+	+	+	+
hypothetical protein (HSA011916),	Hs.84359	1	1	0	+	+	+	+	+
hypothetical protein (HSPC016), mRNA	Hs.171774	1	1	0					
hypothetical protein (HSPC117), mRNA	Hs.10729	1	1	0	+	+	+	+	+
hypothetical protein (HSPC132),	Hs.69499	2	2	0		+	+	+	+
hypothetical protein (HSPC164), mRNA	Hs.182281	3	3	0	+	+	+	+	+
Hypothetical protein (KIAA0663)	BAA31638	1	0	1					
hypothetical protein (KIAA0912)	AB023139	3	1	2		+	+	+	+
hypothetical protein (L1H 3' region) (=U93572-4 putative p150) (non-exact 73%)	B34087	2	2	0					
hypothetical protein (LOC51242), mRNA	XM_049874.2	1	1	0					
hypothetical protein (LOC51255), mRNA	Hs.11156	2	1	1	+	+	+	+	+
hypothetical protein (LOC51318),	Hs.93814	2	2	0	+	+	+	+	+
hypothetical protein (LOC55580),	Hs.254122	2	2	0	+			+	
hypothetical protein (LOC56912),	Hs.334360	1	1	0	+	+	+	+	+
hypothetical protein (ORF1) , C20orf108 Chromosome 20 open reading frame 108/cds=(40,618) /gb=AJ311123 /gi=15485623 /ug=Hs.326292 /len=3026	AJ311123	1	0	1	+	+	+	+	+
hypothetical protein (ORF1), FLJ25033, clone vir17 /cds=(41,790) /gb=AJ301562 /gi=16580687 /ug=Hs.350586 /len=1357	AJ301562	1	1	0					
hypothetical protein (PTD004),	Hs.86347	1	1	0					
hypothetical protein (R07E5.1 protein (clone R07E5))	S43604	1	1	0					
hypothetical protein (R26660_1) (non-exact 59%)	AC005328	1	1	0					
hypothetical protein (R27090_2)	AC002985	1	1	0					
hypothetical protein (S164)	P49756	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hypothetical protein (similar to Elongation factor Tu family (contains ATP/GTP binding P-loop))	Z99709	1	1	0					
hypothetical protein (Y43F4B.5)	AL021481	1	1	0					
Hypothetical protein 628	H49186	1	1	0	+	+	+	+	+
Hypothetical protein AF140225	AA305800	1	1	0			+	+	+
Hypothetical protein AF311304	R12994	1	1	0	+	+	+	+	+
Hypothetical protein AL110115	AA581563	2	2	0	+	+	+	+	+
hypothetical protein AL133206	Hs.7750	5	2	3	+	+	+	+	+
hypothetical protein AL133206 (LOC64744), mRNA	XM_029830.3	9	5	4					
hypothetical protein ASH1 (ASH1), mRNA	Hs.102652	3	3	0	+	+	+	+	+
hypothetical protein B (non-exact, 56%)	U47926	1	1	0	+				+
hypothetical protein BC004923 (LOC85865), mRNA	XM_029148.2	1	1	0					
hypothetical protein BM-002	NM_016617	5	3	2	+	+	+	+	+
hypothetical protein BM-009	R16186	4	3	1	+	+	+	+	+
hypothetical protein C40	AA195652	1	1	0	+	+	+	+	+
hypothetical protein CAB56184 (CAB56184),	Hs.241575	1	1	0	+	+	+	+	+
Hypothetical protein CDA08	AA383930	1	1	0	+	+	+	+	+
hypothetical protein CL25022	AA424314	1	1	0	+	+	+	+	+
hypothetical protein CL25084	AI089654	2	2	0	+	+	+	+	+
hypothetical protein CLONE24945	H12181	1	1	0	+	+	+	+	+
hypothetical protein dJ434O14.3 (DJ434O14.3),	Hs.261373	15	13	2		+			
Hypothetical protein dJ462O23.2	F13520	1	1	0	+	+	+	+	+
Hypothetical protein dJ465N24.2.1	AA325085	5	4	1	+	+	+	+	+
Hypothetical protein dJ511E16.2	AA282152	1	1	0				+	
Hypothetical protein DKFZp434B044	AI190004	1	0	1	+	+	+	+	+
hypothetical protein DKFZp434B195(DKFZP434B195), mRNA	Hs.10748	3	2	1	+	+	+	+	+
Hypothetical protein DKFZp434D0412	AA442521	1	1	0	+	+	+	+	+
Hypothetical protein DKFZp434E1723	H50998	2	2	0	+	+	+	+	+
hypothetical protein DKFZp434E2220 (DKFZp434E2220),	Hs.37706	1	1	0	+	+		+	+
hypothetical protein DKFZp434E2318 (DKFZP434E2318),	Hs.63841	1	0	1	+	+	+	+	+
Hypothetical protein DKFZp434G0920	AI005468	2	2	0					+
Hypothetical protein DKFZp434H247	AA316418	1	1	0	+		+	+	+
hypothetical protein DKFZp434J037 (DKFZP434J037), mRNA	Hs.172012	1	0	1			+		
hypothetical protein DKFZp434K1210	AA121160	1	1	0	+	+	+	+	+
hypothetical protein DKFZp434L0117	AA070233	1	1	0		+	+	+	+
hypothetical protein DKFZp434P144	U64675	1	1	0	+	+	+	+	+
hypothetical protein DKFZp547I224 (DKFZp547I224),	Hs.240321	1	1	0					
hypothetical protein DKFZp547P082 (DKFZp547P082),	Hs.307068	1	1	0					
hypothetical protein DKFZp564D0372 (DKFZP564D0372),	Hs.42954	1	0	1		+		+	+
Hypothetical protein DKFZp564D1378	AA384606	3	2	1	+		+	+	+
hypothetical protein DKFZp564D172(DKFZP564D172),	Hs.210668	1	1	0					
hypothetical protein DKFZp564K0822 (DKFZP564K0822),	Hs.4750	1	1	0	+	+	+	+	+
hypothetical protein DKFZp564L0864 similar to HIAT1 (DKFZP564L0864), mRNA	XM_051905.3	1	1	0					
Hypothetical protein DKFZp566A1524	AA350818	3	3	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Hypothetical protein DKFZp566I133	AA307900	7	6	1	+	+	+	+	+
hypothetical protein DKFZp566J091(DKFZP566J091),	Hs.57209	8	7	1	+	+	+	+	+
hypothetical protein DKFZp586F1122 similar to axotrophin (DKFZP586F1122),	Hs.5306	4	4	0	+	+	+	+	+
hypothetical protein DKFZp586K0717 (DKFZP586K0717),	Hs.334812	3	2	1	+		+	+	
hypothetical protein DKFZp667O2416 (DKFZp667O2416), mRNA	XM_046911.1	1	0	1					
Hypothetical protein DKFZp761A052	AL137509	1	0	1	+	+	+	+	+
Hypothetical protein DKFZp761B039	AA280231	1	1	0	+	+	+	+	+
Hypothetical protein DKFZp761B1514	D78859	1	1	0	+	+	+	+	+
Hypothetical protein DKFZp761C169	H85526	3	2	1	+	+	+	+	+
hypothetical protein DKFZp761D081 (DKFZp761D081)	NM_017610	2	1	1	+	+	+	+	+
Hypothetical protein DKFZp761D1823	AA522440	3	3	0	+			+	+
Hypothetical protein DKFZp761G2113	AA405259	2	2	0	+	+		+	+
Hypothetical protein DKFZp761I141	AA984407	2	2	0	+	+	+	+	+
Hypothetical protein DKFZp761I2123	AA227616	1	1	0	+	+	+	+	+
Hypothetical protein DKFZp761I241	AB046826	1	0	1	+	+	+	+	+
hypothetical protein DKFZp761M0423 (DKFZp761M0423),	Hs.8417	1	1	0	+	+			+
hypothetical protein DKFZp761N0624 (DKFZp761N0624),	Hs.21893	2	0	2	+	+	+	+	+
Hypothetical protein DKFZp761P1010	R35380	1	1	0	+				+
Hypothetical protein DKFZp762A227	AA831566	2	1	1		+	+	+	+
Hypothetical protein DKFZp762M115	H80723	1	1	0					
hypothetical protein DKFZp762M186	AA013419	1	1	0	+	+	+		+
Hypothetical protein DKFZp762N0610	AA806841	2	2	0		+	+	+	+
Hypothetical protein F23149_1	NM_019088	2	0	2	+	+	+	+	+
hypothetical protein FLJ00001 (FLJ00001), mRNA	XM_034187.2	1	0	1					
Hypothetical protein FLJ10006	AA215801	1	1	0	+	+	+	+	+
hypothetical protein FLJ10052	AK000914	1	0	1	+	+	+		+
Hypothetical protein FLJ10074	AA295431	1	1	0	+	+	+	+	+
hypothetical protein FLJ10078 (FLJ10078), mRNA	XM_004843.2	1	0	1					
Hypothetical protein FLJ10081	AA186487	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10099	AA490672	1	1	0	+	+	+	+	+
hypothetical protein FLJ10120 (FLJ10120),	Hs.339808	4	4	0	+	+	+	+	+
hypothetical protein FLJ10134 (58% aa)	AK000996	1	0	1	+	+			+
Hypothetical protein FLJ10143	AA343317	2	2	0	+	+	+	+	+
Hypothetical protein FLJ10154	AA564962	1	1	0	+	+	+	+	+
hypothetical protein FLJ10242 (FLJ10242), mRNA	Hs.168241	1	1	0	+	+	+	+	+
hypothetical protein FLJ10244 (FLJ10244),	Hs.274419	1	1	0					
hypothetical protein FLJ10254 (FLJ10254),	Hs.326551	2	2	0					
Hypothetical protein FLJ10257	AA315944	4	4	0	+	+	+	+	+
hypothetical protein FLJ10262 (78% aa)	AC006963	1	0	1					
Hypothetical protein FLJ10267	AA359394	3	3	0	+	+	+	+	+
Hypothetical protein FLJ10276	NM_018045	3	1	2	+	+	+	+	+
Hypothetical protein FLJ10290	H38602	1	0	1	+	+	+	+	+
Hypothetical protein FLJ10298	NM_018050	1	0	1	+		+	+	+
Hypothetical protein FLJ10300	AA501388	1	1	0		+	+	+	+
Hypothetical protein FLJ10326	AA251059	3	1	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Hypothetical protein FLJ10330	AA463526	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10335	AA232116	1	1	0	+	+	+	+	+
hypothetical protein FLJ10377 (FLJ10377),	Hs.274263	1	1	0		+	+	+	+
Hypothetical protein FLJ10379	AA385525	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10392	AA737550	2	1	1	+	+	+	+	+
Hypothetical protein FLJ10402	AA337446	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10415	AA652553	1	1	0	+	+	+	+	+
hypothetical protein FLJ10420	AK001282	3	2	1	+	+	+	+	+
Hypothetical protein FLJ10439	AA307158	3	3	0	+	+	+	+	+
hypothetical protein FLJ10462 (FLJ10462), mRNA	Hs.100895	1	0	1	+	+		+	+
Hypothetical protein FLJ10477	R82005	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10482	R17590	3	3	0	+	+	+	+	+
Hypothetical protein FLJ10534	AA306299	1	1	0	+	+		+	+
hypothetical protein FLJ10539(FLJ10539),	Hs.93391	1	1	0		+	+		+
hypothetical protein FLJ10547 (FLJ10547)	Hs.274356	1	1	0					
hypothetical protein FLJ10548 (FLJ10548)	NM_018135	1	0	1	+		+	+	+
Hypothetical protein FLJ10560	AA312423	1	1	0	+		+		
Hypothetical protein FLJ10583	AA442422	2	2	0		+	+	+	+
hypothetical protein FLJ10587 (FLJ10587)	NM_018149	1	0	1	+	+		+	+
Hypothetical protein FLJ10597	AA216686	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10618	NM_018155	1	0	1	+	+	+	+	+
hypothetical protein FLJ10634 (FLJ10634),	Hs.334475	1	1	0	+				+
hypothetical protein FLJ10637(FLJ10637),	Hs.22595	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10652	AA336299	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10659	AA433848	3	3	0	+	+			+
hypothetical protein FLJ10661 (FLJ10661),	Hs.325173	1	1	0					
Hypothetical protein FLJ10687	AA306477	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10688	M86053	1	1	0	+		+	+	+
Hypothetical protein FLJ10702	AA215457	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10707	N27886	1	1	0	+	+	+	+	+
hypothetical protein FLJ10709(FLJ10709),	Hs.273357	1	1	0	+		+		+
Hypothetical protein FLJ10726	AI348566	1	1	0	+	+	+	+	+
hypothetical protein FLJ10737 (FLJ10737),	Hs.261134	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10738	AA394074	2	2	0	+	+	+	+	+
Hypothetical protein FLJ10769	AA385970	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10774	AK022241	1	0	1	+	+	+	+	+
hypothetical protein FLJ10783 (FLJ10783)	NM_018217	1	0	1	+	+	+	+	+
hypothetical protein FLJ10788	AK001650	8	6	2	+	+	+	+	+
Hypothetical protein FLJ10803	AA359816	1	1	0	+	+	+	+	+
hypothetical protein FLJ10808 (FLJ10808),	Hs.59838	1	1	0	+		+		+
hypothetical protein FLJ10813	AK001675	3	1	2	+	+	+	+	+
hypothetical protein FLJ10814	AK001676	3	1	2	+	+	+	+	+
Hypothetical protein FLJ10826	AA373124	1	1	0	+	+	+	+	+
hypothetical protein FLJ10830	AA112577	4	4	0	+	+	+	+	+
hypothetical protein FLJ10839	AK001701	1	0	1	+	+	+	+	+
hypothetical protein FLJ10846 (FLJ10846),	Hs.32271	2	2	0	+		+	+	+
Hypothetical protein FLJ10853	NM_018246	1	0	1	+	+	+	+	+
Hypothetical protein FLJ10856	AA551549	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10871	AA326165	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10875	AA344014	3	3	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Hypothetical protein FLJ10879	R07637	3	3	0					
Hypothetical protein FLJ10890	NM_018259	2	1	1	+	+	+	+	+
Hypothetical protein FLJ10891 (low score)	NM_018260	1	0	1					
hypothetical protein FLJ10900 (FLJ10900), mRNA	Hs.16277	2	2	0	+	+	+	+	+
Hypothetical protein FLJ10904	AA316495	2	2	0	+	+	+	+	+
hypothetical protein FLJ10945	Hs.272238	2	2	0					
Hypothetical protein FLJ10948	AW265431	1	0	1	+	+	+	+	+
Hypothetical protein FLJ10971	AA383931	1	0	1	+	+	+	+	+
hypothetical protein FLJ10983(FLJ10983),	Hs.23363	1	1	0	+	+	+	+	+
Hypothetical protein FLJ10998	AA252743	1	1	0	+	+	+	+	+
Hypothetical protein FLJ11000	N28990	4	3	1	+	+	+	+	+
Hypothetical protein FLJ11011	H87111	2	2	0	+	+	+		+
Hypothetical protein FLJ11021 similar to splicing factor, arginine/serine-rich 4	AK001883	3	1	2	+	+	+	+	+
hypothetical protein FLJ11036	AK001898	1	0	1		+		+	+
hypothetical protein FLJ11040(FLJ11040), mRNA	Hs.14202	2	0	2	+	+	+	+	+
Hypothetical protein FLJ11085	AA173707	1	1	0	+	+	+	+	+
hypothetical protein FLJ11110(FLJ11110),	Hs.30822	7	5	2		+	+		+
hypothetical protein FLJ11126 (FLJ11126), mRNA	XM_028044.1	2	2	0					
Hypothetical protein FLJ11151	NM_018340	6	3	3	+	+	+	+	+
Hypothetical protein FLJ11159	N50279	3	3	0	+		+		+
hypothetical protein FLJ11184 (FLJ11184)	NM_018352	1	0	1	+	+	+	+	+
Hypothetical protein FLJ11186	AA992666	1	0	1	+	+	+	+	+
hypothetical protein FLJ11191	AA125955	1	1	0	+		+		
Hypothetical protein FLJ11193	AI554702	1	0	1	+			+	+
Hypothetical protein FLJ11198	NM_018358	3	2	1	+	+	+	+	+
Hypothetical protein FLJ11264	AA514843	1	1	0		+	+	+	+
Hypothetical protein FLJ11271	AA435585	1	1	0		+	+	+	+
Hypothetical protein FLJ11280	AA781773	1	0	1	+	+	+	+	+
hypothetical protein FLJ11292 (FLJ11292),	Hs.272246	1	0	1					
hypothetical protein FLJ11320	Hs.12211	1	1	0	+	+	+	+	+
Hypothetical protein FLJ11360; artemis protein	AA306797	2	2	0	+	+	+	+	+
hypothetical protein FLJ11577 (FLJ11577),	Hs.289065	2	1	1					
Hypothetical protein FLJ11583	AA452772	1	1	0					
Hypothetical protein FLJ11585	AA206921	2	2	0	+	+	+	+	+
Hypothetical protein FLJ11712	AA328401	2	2	0	+	+		+	+
hypothetical protein FLJ11856 (FLJ11856),	Hs.6459	1	1	0	+	+		+	+
hypothetical protein FLJ11939 (FLJ11939),	Hs.94229	1	1	0	+	+			+
Hypothetical protein FLJ12085	AA495854	1	1	0	+	+		+	+
Hypothetical protein FLJ12298	D78722	2	2	0		+		+	+
Hypothetical protein FLJ12438	R14696	2	2	0	+	+	+	+	+
Hypothetical protein FLJ12439	AA374106	2	2	0		+	+		+
hypothetical protein FLJ12443 (FLJ12443), mRNA	Hs.179882	2	1	1	+	+	+	+	+
hypothetical protein FLJ12448 (FLJ12448), mRNA	Hs.143504	1	1	0	+	+	+		+
hypothetical protein FLJ12455 (FLJ12455), mRNA	Hs.10903	2	2	0	+	+	+	+	+
Hypothetical protein FLJ12474	AA306076	2	1	1	+	+	+		
Hypothetical protein FLJ12492	AA205300	4	4	0	+	+	+	+	+
Hypothetical protein FLJ12496	AA491093	1	1	0	+	+	+	+	+
Hypothetical protein FLJ12525	AA323698	2	2	0	+	+	+	+	+
Hypothetical protein FLJ12528	AA349824	2	2	0	+	+		+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Hypothetical protein FLJ12549	AA307060	5	5	0	+	+	+	+	+
Hypothetical protein FLJ12644	AA233438	2	2	0					
hypothetical protein FLJ12661 (FLJ12661),	Hs.318526	1	1	0	+	+	+	+	+
Hypothetical protein FLJ12666	AA370001	1	1	0	+	+	+	+	+
hypothetical protein FLJ12673 (FLJ12673),	Hs.288836	3	3	0					
Hypothetical protein FLJ12687	AI765573	1	0	1			+	+	+
Hypothetical protein FLJ12701	R13502	1	0	1	+	+	+	+	+
Hypothetical protein FLJ12704	AK022766	1	0	1					
hypothetical protein FLJ12788 (FLJ12788),	Hs.20242	1	1	0		+	+	+	+
Hypothetical protein FLJ12806	N73355	3	3	0	+	+	+	+	+
hypothetical protein FLJ12816 (FLJ12816),	Hs.9175	1	1	0		+	+		+
Hypothetical protein FLJ12838	AA247168	2	2	0		+	+	+	
hypothetical protein FLJ12875 (FLJ12875), mRNA	Hs.10101	1	1	0	+	+	+	+	+
Hypothetical protein FLJ12879	BE350686	1	0	1	+	+	+	+	+
Hypothetical protein FLJ12888	AA705902	1	1	0	+	+		+	+
Hypothetical protein FLJ12892	AA329776	1	1	0	+	+	+	+	+
Hypothetical protein FLJ12929	AK022991	1	0	1		+	+	+	+
hypothetical protein FLJ12949 (FLJ12949),	Hs.184519	1	1	0		+		+	+
Hypothetical protein FLJ12953 similar to Mus musculus D3Mm3e	AA442815	1	1	0	+	+		+	+
hypothetical protein FLJ12998 (FLJ12998),	Hs.343627	1	1	0	+	+	+		+
Hypothetical protein FLJ13046 similar to exportin 4	AW183555	1	0	1	+	+	+	+	+
Hypothetical protein FLJ13081	AA305344	1	1	0	+	+	+	+	+
hypothetical protein FLJ13102 (FLJ13102)	Hs.225160	1	1	0	+	+		+	+
Hypothetical protein FLJ13111	AA325851	2	2	0	+	+	+	+	+
Hypothetical protein FLJ13119	AA312406	2	2	0	+	+	+	+	+
hypothetical protein FLJ13154 (FLJ13154),	Hs.25303	1	0	1	+		+	+	+
Hypothetical protein FLJ13187	AK023249	2	0	2	+	+	+		+
Hypothetical protein FLJ13213	AA594603	6	6	0	+	+	+	+	+
Hypothetical protein FLJ13322	N42212	1	1	0	+	+	+		+
hypothetical protein FLJ13373 (FLJ13373),	Hs.287567	1	1	0				+	+
Hypothetical protein FLJ13386	AK023448	1	0	1	+	+	+	+	+
Hypothetical protein FLJ13448	AK023510	1	0	1			+	+	+
Hypothetical protein FLJ13576	R61601	1	1	0	+		+		+
Hypothetical protein FLJ13657	R52338	2	2	0	+	+	+	+	+
Hypothetical protein FLJ13659	AK023721	1	0	1					+
hypothetical protein FLJ13660 similar to CDK5 activator-binding protein C53	AA044122	2	2	0	+		+	+	+
hypothetical protein FLJ13693 (FLJ13693), mRNA	Hs.164797	1	1	0				+	
hypothetical protein FLJ13848 (FLJ13848), mRNA	Hs.136976	1	0	1		+			+
Hypothetical protein FLJ13855	R47904	4	3	1	+	+	+	+	+
Hypothetical protein FLJ13868	AA206937	1	1	0	+		+	+	+
hypothetical protein FLJ13910	AL050139	1	0	1	+	+	+	+	+
Hypothetical protein FLJ14007	AA476402	1	1	0	+	+	+	+	+
hypothetical protein FLJ14075 (FLJ14075),	Hs.235498	1	1	0	+		+	+	+
Hypothetical protein FLJ14213	AA190721	1	1	0	+			+	+
Hypothetical protein FLJ14494	AA476711	2	2	0	+		+	+	+
Hypothetical protein FLJ14495	AA312094	1	1	0	+	+	+	+	+
hypothetical protein FLJ14644 (FLJ14644),	Hs.322414	1	1	0				+	+
Hypothetical protein FLJ14681	AI041594	1	1	0	+	+		+	

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hypothetical protein FLJ14744	AA158646	2	2	0	+	+	+	+	+
hypothetical protein FLJ14800 (FLJ14800),	Hs.62119	1	1	0	+	+	+	+	+
hypothetical protein FLJ14813 (FLJ14813), mRNA	Hs.14014	1	0	1		+		+	+
Hypothetical protein FLJ14972	AA310416	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20008; KIAA1839 protein	AA663670	1	1	0	+		+	+	
Hypothetical protein FLJ20035	AA361103	2	1	1		+			
Hypothetical protein FLJ20038	AA430591	1	1	0		+	+	+	+
hypothetical protein FLJ20059 (FLJ20059), mRNA	XM_037601.1	1	1	0					
hypothetical protein FLJ20070 (FLJ20070),	Hs.186711	1	1	0	+	+	+	+	
hypothetical protein FLJ20071 (FLJ20071), mRNA	Hs.14328	1	1	0	+	+	+	+	+
hypothetical protein FLJ20073 (FLJ20073),	Hs.65641	2	2	0				+	+
hypothetical protein FLJ20079 (FLJ20079) (85%)	NM_017656	1	0	1	+	+		+	+
hypothetical protein FLJ20080 (FLJ20080),	Hs.7942	5	4	1	+	+	+	+	+
hypothetical protein FLJ20085, clone MGC:19816 IMAGE:3953055, mRNA,	Hs.118964	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20086	AA343696	1	1	0	+	+	+	+	+
hypothetical protein FLJ20093 (FLJ20093)	NM_017664	1	0	1	+	+	+	+	+
hypothetical protein FLJ20113 (FLJ20113), mRNA	Hs.108504	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20136	NM_017684	3	2	1	+		+	+	+
Hypothetical protein FLJ20160	AA748711	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20189	AA224099	3	3	0	+	+	+	+	+
hypothetical protein FLJ20220(FLJ20220),	Hs.21126	2	2	0	+	+		+	
hypothetical protein FLJ20232	H17738	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20254	AA436538	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20257	AA279877	1	1	0	+	+	+	+	+
hypothetical protein FLJ20274 (FLJ20274),	Hs.268371	2	2	0	+	+	+		+
hypothetical protein FLJ20279 (FLJ20279)	Hs.9725	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20287	AA332996	1	1	0	+	+	+	+	+
hypothetical protein FLJ20291	AK000298	1	0	1	+		+	+	+
Hypothetical protein FLJ20303	AA350454	3	3	0	+	+	+	+	+
Hypothetical protein FLJ20308	AA876123	2	2	0	+	+	+	+	+
Hypothetical protein FLJ20312	AA442654	10	8	2	+	+	+	+	+
Hypothetical protein FLJ20320	NM_017765	1	0	1	+		+		
Hypothetical protein FLJ20333	R80313	1	1	0	+	+	+	+	+
hypothetical protein FLJ20340 (FLJ20340),	Hs.272794	1	1	0					
hypothetical protein FLJ20343	Hs.252692	1	0	1	+	+	+	+	+
Hypothetical protein FLJ20363	AA405005	2	2	0	+	+	+	+	+
Hypothetical protein FLJ20371	NM_017791	2	1	1	+	+	+	+	
hypothetical protein FLJ20378 (FLJ20378),	Hs.274222	1	1	0					
hypothetical protein FLJ20391	AK000398	1	0	1	+	+	+	+	+
hypothetical protein FLJ20396 (FLJ20396),	Hs.283685	6	4	2					
hypothetical protein FLJ20399 (FLJ20399),	Hs.8575	2	2	0	+		+	+	+
Hypothetical protein FLJ20419	AA868058	2	2	0	+	+	+	+	+
hypothetical protein FLJ20420 (FLJ20420)	NM_017812	1	0	1	+	+	+	+	+
Hypothetical protein FLJ20421	AA292529	1	1	0	+	+	+		+
Hypothetical protein FLJ20424	AA262271	1	1	0		+			
hypothetical protein FLJ20432 (FLJ20432),	Hs.57898	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20452	H46085	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20481	AI023087	1	1	0			+		
hypothetical protein FLJ20484 (FLJ20484)	NM_017840	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hypothetical protein FLJ20487 (FLJ20487), mRNA	Hs.14547	1	1	0					
hypothetical protein FLJ20489 (FLJ20489),	Hs.306989	1	1	0	+	+	+	+	+
hypothetical protein FLJ20502	AA005252	1	1	0	+		+	+	+
hypothetical protein FLJ20511 (FLJ20511), mRNA	Hs.134406	1	1	0	+	+	+	+	+
hypothetical protein FLJ20530	AK000537	2	1	1	+		+	+	+
Hypothetical protein FLJ20542	AA324119	1	1	0	+	+	+	+	+
hypothetical protein FLJ20551 (FLJ20551),	Hs.7994	3	2	1	+	+	+	+	+
Hypothetical protein FLJ20565	H22495	1	1	0	+	+	+	+	+
hypothetical protein FLJ20568 (FLJ20568)	Hs.279581	1	1	0					
Hypothetical protein FLJ20580	NM_017887	3	2	1	+	+	+	+	+
hypothetical protein FLJ20602	AK000609	4	3	1	+	+	+	+	+
Hypothetical protein FLJ20604	AA355766	1	1	0	+	+	+	+	+
hypothetical protein FLJ20623 (FLJ20623),	Hs.27337	1	1	0	+	+	+	+	+
hypothetical protein FLJ20624 (FLJ20624),	Hs.52256	2	2	0	+	+	+		+
hypothetical protein FLJ20625	AK000632	2	1	1	+	+	+	+	+
Hypothetical protein FLJ20628	AA339451	1	1	0	+	+	+	+	+
Hypothetical protein FLJ20635	AI239525	2	0	2	+			+	
Hypothetical protein FLJ20651	D78742	1	1	0	+	+	+	+	+
hypothetical protein FLJ20666 (FLJ20666),	Hs.274337	2	2	0	+		+	+	+
hypothetical protein FLJ20668 (FLJ20668), mRNA	Hs.12920	1	1	0	+	+			+
Hypothetical protein FLJ20686	AA729555	1	1	0	+	+	+	+	+
hypothetical protein FLJ20707	AK000714	3	2	1	+	+	+	+	+
Hypothetical protein FLJ20725	AA382602	1	1	0	+		+	+	+
hypothetical protein FLJ20729 (FLJ20729),	Hs.51111	1	1	0	+	+	+	+	+
hypothetical protein FLJ20764 (FLJ20764)	NM_017955	1	0	1	+	+		+	+
hypothetical protein FLJ20783	AA101447	3	2	1	+		+	+	+
hypothetical protein FLJ20793	AI373289	2	2	0	+	+	+	+	+
Hypothetical protein FLJ20859	AK024512	1	0	1	+	+	+	+	+
hypothetical protein FLJ20898	AA130390	1	1	0	+	+	+		+
hypothetical protein FLJ20950	AA070941	2	2	0	+	+	+	+	+
hypothetical protein FLJ21032 (FLJ21032),	Hs.247474	1	0	1	+	+	+	+	+
Hypothetical protein FLJ21079	R72391	1	0	1	+	+	+	+	+
Hypothetical protein FLJ21106	AA322385	1	1	0			+	+	+
hypothetical protein FLJ21128, clone MGC:9943 IMAGE:3875364,	Hs.288389	1	1	0	+	+	+	+	+
hypothetical protein FLJ21174 (FLJ21174),	Hs.194329	1	1	0	+	+	+	+	+
hypothetical protein FLJ21308	AA039597	2	2	0		+	+		
Hypothetical protein FLJ21415	AA429797	1	0	1	+	+	+		+
Hypothetical protein FLJ21438	AA359127	1	1	0		+			+
Hypothetical protein FLJ21478	Hs.31097	1	0	1	+	+	+		+
Hypothetical protein FLJ21562	AK025215	1	0	1		+		+	+
hypothetical protein FLJ21657	R34577	1	0	1	+	+	+	+	
Hypothetical protein FLJ21661	AK025314	1	0	1	+	+	+	+	+
hypothetical protein FLJ21709 (FLJ21709), mRNA	Hs.10888	2	2	0	+	+	+	+	+
Hypothetical protein FLJ21786	AA297470	2	1	1	+	+	+	+	+
Hypothetical protein FLJ21799	AA227002	3	2	1	+	+	+	+	+
Hypothetical protein FLJ21801	AI760401	2	1	1	+	+	+		+
Hypothetical protein FLJ21839	R67192	1	1	0	+	+	+	+	+
hypothetical protein FLJ21868 (FLJ21868),	Hs.46829	1	0	1	+	+	+		+
Hypothetical protein FLJ21908	AK025561	3	1	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hypothetical protein FLJ21918 (FLJ21918),	Hs.282093	1	1	0	+	+	+	+	+
Hypothetical protein FLJ21919	AA504598	1	1	0	+	+	+	+	+
Hypothetical protein FLJ21939 similar to 5-azacytidine induced gene 2	AA452445	3	2	1	+	+	+	+	+
Hypothetical protein FLJ21952	AA454972	2	2	0	+	+	+	+	+
hypothetical protein FLJ21959 (FLJ21959), mRNA	Hs.183253	2	2	0	+	+	+	+	+
hypothetical protein FLJ22021 (FLJ22021),	Hs.7258	1	1	0	+	+	+		+
hypothetical protein FLJ22028	AA084030	1	1	0	+	+	+	+	+
Hypothetical protein FLJ22056	AA456269	1	1	0	+	+	+	+	+
Hypothetical protein FLJ22059	AK025712	2	1	1	+	+	+		+
Hypothetical protein FLJ22169	H06546	1	1	0	+	+	+	+	+
Hypothetical protein FLJ22175	AA582067	1	1	0	+	+	+	+	+
hypothetical protein FLJ22195 (FLJ22195),	Hs.25999	2	1	1	+	+	+	+	+
Hypothetical protein FLJ22251	AA290723	3	1	2	+		+	+	+
hypothetical protein FLJ22283 (FLJ22283),	Hs.267263	1	1	0	+	+	+	+	+
Hypothetical protein FLJ22313	AA774501	2	2	0		+		+	+
Hypothetical protein FLJ22332	AA178877	1	1	0	+	+		+	+
hypothetical protein FLJ22347 (FLJ22347), mRNA	Hs.106004	1	1	0	+	+	+	+	+
hypothetical protein FLJ22389 (FLJ22389)	Hs.270404	3	3	0	+	+	+	+	+
Hypothetical protein FLJ22405	AA436929	1	0	1	+	+	+	+	
Hypothetical protein FLJ22439	AA700771	1	1	0	+	+	+	+	+
hypothetical protein FLJ22457 (FLJ22457),	Hs.238707	5	3	2	+	+		+	+
Hypothetical protein FLJ22501	AA351642	2	2	0	+	+	+	+	+
Hypothetical protein FLJ22529	AA306566	2	2	0	+	+			
Hypothetical protein FLJ22557	AA456874	3	3	0	+	+	+	+	+
Hypothetical protein FLJ22559	AA295283	1	1	0	+	+	+	+	+
hypothetical protein FLJ22570(FLJ22570), mRNA	Hs.122559	5	3	2	+				+
Hypothetical protein FLJ22604	AA333625	3	1	2	+	+	+	+	+
hypothetical protein FLJ22622 (FLJ22622)	Hs.324841	1	1	0					
hypothetical protein FLJ22635 (FLJ22635)	Hs.288529	1	1	0					
hypothetical protein FLJ22639 (FLJ22639),	Hs.351445	1	0	1	+				+
Hypothetical protein FLJ22662	AI338447	1	0	1		+	+	+	+
Hypothetical protein FLJ22679	R54535	1	1	0	+	+		+	+
hypothetical protein FLJ22690 (FLJ22690), mRNA	Hs.105468	12	12	0		+	+		
hypothetical protein FLJ22693 (FLJ22693), mRNA	Hs.12646	2	2	0		+	+	+	+
Hypothetical protein FLJ22757	R34942	6	4	2			+		+
Hypothetical protein FLJ22794	AK026447	1	0	1	+	+	+	+	+
Hypothetical protein FLJ22833	AA375611	4	3	1	+		+	+	+
Hypothetical protein FLJ23027	AA865497	1	1	0	+	+	+	+	+
hypothetical protein FLJ23091	AA147297	3	3	0	+	+	+	+	+
hypothetical protein FLJ23109 (FLJ23109),	Hs.292767	1	1	0					
Hypothetical protein FLJ23153	AA923172	1	0	1	+	+	+	+	+
hypothetical protein FLJ23231 (FLJ23231),	Hs.288300	1	0	1		+	+	+	+
Hypothetical protein FLJ23306	AW954833	1	0	1	+	+	+	+	+
Hypothetical protein FLJ23309	AI367140	1	0	1	+	+	+	+	+
hypothetical protein FLJ23316	AA157867	1	1	0	+	+		+	+
Hypothetical protein FLJ23360	AA907658	2	2	0				+	
hypothetical protein FLJ23467 (FLJ23467), mRNA	Hs.16179	2	2	0		+	+	+	+
Hypothetical protein FLJ23518	AA451627	1	1	0	+	+	+	+	+
Hypothetical protein FLJ23577	AA298851	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hypothetical protein FLJ31131	Hs.23853	1	0	1	+	+	+	+	+
hypothetical protein FLJ31978 mRNA sequence	Hs.12381	1	0	1	+			+	
hypothetical protein FLJ32631 (FLJ32631), mRNA	Hs.146065	3	2	1	+		+	+	+
hypothetical protein FLJ32642	Hs.101617	1	0	1	+	+	+	+	+
hypothetical protein FLJ33641	Hs.298674	1	0	1					
hypothetical protein from BCRA2 region (CG005)	NM_014887	3	0	3	+	+	+	+	+
Hypothetical protein from EUROIMAGE 1034327	R72212	2	0	2					
Hypothetical protein from EUROIMAGE 1987170	R17261	3	3	0	+	+	+	+	+
hypothetical protein from EUROIMAGE 2005326 (LOC56959), mRNA	XM_047288.2	1	1	0					
hypothetical protein from EUROIMAGE 42353 (LOC56928), mRNA	XM_036985.1	1	1	0					
hypothetical protein H41	AA206202	2	1	1	+	+	+	+	+
Hypothetical protein hCLA-iso	Hs.143601	3	3	0	+	+	+	+	+
Hypothetical protein HDCMC04P	H37904	1	1	0	+	+	+	+	+
hypothetical protein HSPC129	AA251032	1	1	0	+	+	+	+	+
Hypothetical protein HT023	AA305650	1	1	0		+	+	+	+
Hypothetical protein KIAA1165	AI807152	1	0	1	+	+	+	+	+
hypothetical protein KIAA1259	AA100973	2	2	0	+		+	+	+
hypothetical protein LOC255967	Hs.190153	1	0	1	+	+	+		+
hypothetical protein LOC284702	AL122072.1	1	0	1	+	+	+	+	+
hypothetical protein LOC51063	R11839	2	2	0	+	+	+	+	+
hypothetical protein LOC51233	Hs.350465	1	0	1	+	+	+	+	+
hypothetical protein LOC51238	AA631187	1	1	0				+	+
hypothetical protein LOC51240	Hs.7870	1	0	1	+	+	+	+	+
hypothetical protein LOC51249	AA339693	1	1	0	+		+	+	+
hypothetical protein LOC51315	AA251423	2	2	0	+	+	+	+	+
hypothetical protein LOC51320	AA480911	1	1	0	+	+	+	+	+
hypothetical protein LOC51321	N75661	2	1	1	+	+		+	+
Hypothetical protein LOC57187	AA485241	2	2	0		+	+	+	+
Hypothetical protein LOC58481	AA310626	1	1	0	+	+	+	+	+
Hypothetical protein MGC10327	AI380196	1	0	1	+	+			+
hypothetical protein MGC10540 (MGC10540), mRNA	Hs.108824	1	1	0	+	+	+	+	+
hypothetical protein MGC10710	AA024384	1	1	0	+	+		+	+
hypothetical protein MGC10764 (MGC10764),	Hs.96978	2	1	1	+	+	+	+	+
hypothetical protein MGC10823(MGC10823),	Hs.238730	6	5	1	+	+		+	+
hypothetical protein MGC10854 (MGC10854),	Hs.22222	2	2	0	+	+	+	+	
Hypothetical protein MGC10940	AA305116	3	3	0	+	+	+	+	+
Hypothetical protein MGC10966	AA311055	2	2	0	+	+		+	+
Hypothetical protein MGC10986	AA280941	5	5	0	+	+		+	+
hypothetical protein MGC10999 (MGC10999),	Hs.208914	1	0	1	+			+	+
Hypothetical protein MGC11034	AL043192	6	2	4	+	+	+	+	+
hypothetical protein MGC11324	Hs.99196	1	0	1			+	+	+
Hypothetical protein MGC11349	AK023923	1	0	1	+	+	+	+	+
Hypothetical protein MGC11352	AA368664	8	6	2	+	+	+	+	+
Hypothetical protein MGC12250	AA400215	1	1	0	+	+	+	+	+
Hypothetical protein MGC12981	AA323634	1	1	0	+	+	+	+	+
Hypothetical protein MGC13007	AI922027	2	0	2	+			+	+
hypothetical protein MGC13090 (MGC13090),	Hs.333389	2	1	1	+	+	+	+	+
Hypothetical protein MGC14151	AA732091	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
hypothetical protein MGC14353 (MGC14353),	Hs.74346	1	1	0	+	+	+	+	+
Hypothetical protein MGC14421	AA297937	1	1	0	+	+	+	+	+
hypothetical protein MGC14697 (MGC14697), mRNA	Hs.171625	3	3	0	+	+	+	+	+
Hypothetical protein MGC14832	AI288765	1	0	1	+	+	+	+	+
Hypothetical protein MGC14879	AI570996	2	0	2		+	+	+	+
Hypothetical protein MGC15416	AA643098	1	1	0	+		+	+	+
Hypothetical protein MGC15429	R16379	2	2	0	+		+	+	+
hypothetical protein MGC16063 (MGC16063),	Hs.288544	1	0	1	+	+	+	+	+
hypothetical protein MGC16714 (MGC16714),	Hs.7200	4	2	2	+	+	+	+	+
hypothetical protein MGC17330 (MGC17330),	Hs.26670	13	12	1	+	+	+	+	+
hypothetical protein MGC17552 (MGC17552),	Hs.60300	2	2	0	+	+	+	+	+
Hypothetical protein MGC1936	AA453931	1	1	0	+		+	+	+
hypothetical protein MGC20727 (MGC20727),	Hs.27262	1	1	0	+		+		+
hypothetical protein MGC21854	AL137762	2	1	1	+	+		+	+
Hypothetical protein MGC2217	AA375216	1	1	0	+	+	+	+	+
Hypothetical protein MGC2404	C17664	1	1	0	+	+	+	+	+
hypothetical protein MGC2470 (MGC2470),	Hs.283869	1	1	0	+			+	
hypothetical protein MGC2474 (MGC2474),	Hs.324709	1	1	0			+	+	+
Hypothetical protein MGC2487	AI351588	1	1	0	+				+
Hypothetical protein MGC2560	AI203393	1	1	0	+		+		
Hypothetical protein MGC2592	AA298320	2	2	0	+	+	+		+
hypothetical protein MGC2615 (MGC2615),	Hs.334636	1	1	0					
Hypothetical protein MGC2628	AA331978	1	0	1	+	+	+	+	+
Hypothetical protein MGC2714	AA312411	1	1	0	+	+	+	+	+
hypothetical protein MGC2744(MGC2744),	Hs.317403]	1	1	0	+	+	+	+	+
Hypothetical protein MGC2747	AK025602	3	1	2	+	+	+	+	+
hypothetical protein MGC2803 (MGC2803),	Hs.239894	1	1	0	+	+	+		+
Hypothetical protein MGC2835	AA593294	2	2	0	+	+	+	+	+
Hypothetical protein MGC3017	R50695	1	1	0	+	+	+	+	+
hypothetical protein MGC3020 (MGC3020),	Hs.69428	1	1	0					
Hypothetical protein MGC3035	AI857651	1	0	1	+	+	+	+	+
Hypothetical protein MGC3048	AI221888	1	1	0			+		
Hypothetical protein MGC3067	AA917611	2	2	0	+	+	+	+	+
Hypothetical protein MGC3121	AA320086	1	1	0	+	+	+		+
Hypothetical protein MGC3123	R72058	5	4	1					
Hypothetical protein MGC3136	R59094	1	1	0	+	+	+	+	+
Hypothetical protein MGC3156	AA781430	2	1	1	+	+	+	+	+
hypothetical protein MGC3178	AA147049	2	2	0	+	+	+	+	+
Hypothetical protein MGC3199	AI095386	2	2	0	+	+	+		+
hypothetical protein MGC3200 (MGC3200),	Hs.9088	1	1	0	+			+	+
hypothetical protein MGC3222 (MGC3222),	Hs.323193	5	5	0	+	+	+	+	+
Hypothetical protein MGC3234	AI815918	1	0	1	+	+	+	+	+
hypothetical protein MGC3329 (MGC3329), mRNA	XM_017602.4	1	1	0					
Hypothetical protein MGC3731	AA343331	2	2	0	+	+	+	+	+
hypothetical protein MGC39820	Hs.21415	1	0	1	+	+	+	+	+
Hypothetical protein MGC4175	AA306859	1	1	0	+	+	+	+	+
hypothetical protein MGC4179 (MGC4179), mRNA	Hs.129369	1	1	0					
hypothetical protein MGC4251 (MGC4251),	Hs.74266	1	1	0	+	+	+	+	+
Hypothetical protein MGC4276 similar to CG8198	AA307152	1	1	0	+	+	+	+	+
Hypothetical protein MGC4276 similar to CG8198	AA419396	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Hypothetical protein MGC4368	AA299743	1	0	1	+		+	+	+
Hypothetical protein MGC4549	R59857	1	1	0	+	+	+	+	+
hypothetical protein MGC4595(MGC4595),	Hs.266331	2	2	0	+	+			+
Hypothetical protein MGC4607	AK025807	2	1	1	+	+	+	+	+
Hypothetical protein MGC4645	R17876	1	1	0	+	+	+		+
Hypothetical protein MGC4663	R11612	1	1	0		+	+	+	+
Hypothetical protein MGC5139	AL137327	1	0	1	+	+	+	+	+
hypothetical protein MGC5242	AA134768	2	2	0	+	+	+	+	+
hypothetical protein MGC5508 (MGC5508), mRNA	Hs.13662	5	5	0	+	+	+	+	+
hypothetical protein MGC8902	AA488658	5	5	0	+	+	+	+	+
hypothetical protein My014	AA016981	1	0	1	+		+	+	+
hypothetical protein PP1345 (PP1345),	Hs.302126	1	1	0					
Hypothetical protein PP1628	R85330	4	4	0	+	+	+	+	+
hypothetical protein PRO0082 (PRO0082)	NM_018590	2	1	1	+	+	+	+	+
hypothetical protein PRO0823(PRO0823)	NM_018594	1	0	1					
hypothetical protein PRO1163 (PRO1163),	Hs.283053	1	1	0					
hypothetical protein PRO1331 (PRO1331),	Hs.301824	1	0	1	+		+	+	+
hypothetical protein PRO1584 (PRO1584)	NM_018586	1	0	1					
hypothetical protein PRO1741	AA058391	1	1	0	+	+	+	+	+
hypothetical protein PRO2121	AA099632	1	1	0	+	+	+	+	+
Hypothetical protein PRO2266	AA381748	2	1	1			+		
hypothetical protein PRO2730	AA131594	1	1	0	+	+	+	+	+
Hypothetical protein PRO2900	AI084798	1	0	1	+	+	+	+	+
hypothetical protein R33729_1 (R33729_1), mRNA	XM_035638.3	1	0	1					
hypothetical protein RO1741 (PRO1741)	NM_018604	1	0	1					
hypothetical protein similar to small G proteins, especially RAP-2A (LOC57826),	Hs.225979	1	0	1	+	+	+	+	+
hypothetical protein SP192 (SP192), mRNA	Hs.169854	2	2	0	+	+	+	+	+
Hypothetical SBB103 protein	AA453221	1	1	0	+	+	+	+	+
hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	AF050115	4	3	1					
Hypthetical protein PRO2389	AI148531	3	3	0	+	+	+	+	+
Ia-associated invariant gamma-chain (clones lambda-y (1,2,3))	M13555	2	2	0					
IDN3 protein	AA351020	2	2	0	+	+	+	+	+
iduronate 2-sulfatase (Hunter syndrome)	L35485	4	3	1					
Ig alpha-1 heavy chain constant region (IGHA1) (=AF067420 SNC73 protein (SNC73))	J00220	1	1	0					
Ig AV kappa IV=IgA kappa rheumatoid factor variable (=L33853)	S37926	1	1	0					
Ig C (mu) and C (delta) heavy chain (=K02878)	X57331	2	2	0					
Ig gamma heavy chain variable region (=X61011)	Z66542	1	1	0					
Ig heavy chain (IGHV@)	L06612	1	1	0					
Ig heavy chain (VH26)	M83136	1	1	0					
Ig heavy chain (VI-3B)	X62109	1	1	0					
Ig heavy chain J region	X86356	1	1	0					
Ig heavy chain J region, B1 haplotype	X86355	2	2	0					
Ig heavy chain V region (=D11016)	L20779	1	1	0					
Ig heavy chain variable region V1-18 (IGHV@) (=X60503)	M99641	2	2	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Ig heavy chain variable region V3-43	M99672	2	2	0					
Ig heavy chain variable region V3-7	M99649	3	3	0					
Ig heavy chain variable region V4-34 (IGHV@)	M99684	1	1	0					
Ig heavy chain variable region(IGH) clone 45u-12	AF062139	1	1	0					
Ig heavy chain, variabl region	X92236	1	1	0					
Ig heavy chain, variable region, (21-2)	X92343	1	1	0					
Ig J chain	M12378	1	1	0					
Ig kappa	S49007	1	1	0					
Ig kappa light chain	X58081	5	5	0	+	+	+	+	+
Ig kappa light chain variable region A20	X63398	1	1	0					
Ig kappa light chain V-segment A27	X12686	1	1	0					
Ig kappa light chain, V- and J-region (=X59315)	D90158	1	1	0					
Ig lambda gene locus DNA, clone:61D6	D87012	4	4	0					
Ig lambda light chain V region (humlv117d)	U03870	1	1	0					
Ig lambda light chain variable region (26-34ITIIF120)	Z85052	1	1	0					
Ig lambda light chain variable region gene (18-26ITIA40) rearranged; Ig-Light-Lambda; VLambda	Z84988	1	1	0					
Ig lambda light chain V-region germline (Vlambda-VIII.1b)	U03637	1	1	0					
Ig light chain	D86990	2	2	0					
Ig mu-chain VDJA-region	M16949	1	1	0					
Ig rearranged L-chain mRNA V-region	M97922	4	4	0	+	+	+	+	+
Ig rearranged light-chain V region (=D90158)	M74020	1	1	0					
IGF-II mRNA-binding protein 3	U97188	1	1	0		+		+	+
IK cytokine, down-regulator of HLA II	AA307387	5	5	0	+	+	+	+	+
I-kappa-B-interacting Ras-like protein 2	AA351119	1	1	0	+			+	+
IkB kinase-beta (IKK-beta)	AF029684	3	2	1	+	+	+	+	+
IL-1 receptor type II	U14177	1	1	0					
IL2-inducible T-cell kinase	D13720	5	3	2	+	+		+	
ilvB (bacterial acetolactate synthase)-like	U61263	1	0	1	+	+	+	+	+
imidazoline receptor candidate	AF082516	1	1	0	+	+	+	+	+
immediate early protein	M62831	1	1	0	+	+	+	+	+
immunoglobulin (CD79A) binding protein 1	Y08915	2	2	0	+	+	+	+	+
immunoglobulin G Fc	559445	1	1	0					
immunoglobulin G Fc receptor IIIB	Z46223	2	1	1					
immunoglobulin heavy constant gamma 3 (G3m marker)	L29155	9	8	1	+	+	+	+	+
immunoglobulin heavy constant mu	X57086	19	18	1	+	+	+	+	+
immunoglobulin lambda gene locus DNA, clone:23F1	D86996	1	0	1					
immunoglobulin mu binding protein 2	L24544	1	1	0					
immunoglobulin superfamily, member 2	Z33642	2	2	0					+
immunoglobulin superfamily, member 6 (IGSF6), mRNA	Hs.135194	3	3	0		+		+	+
imogen 38	Z68747	1	1	0	+	+	+	+	+
IMP (inosine monophosphate) dehydrogenase 1 (IMPDH1)	NM_000883	2	1	1	+	+	+	+	+
IMP (inosine monophosphate) dehydrogenase 2	J04208	2	2	0	+	+	+	+	+
inhibitor of DNA binding 2, dominant negative helix-loop-helix protein	D13891	6	5	1	+	+	+	+	+
inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein	AF044195	4	3	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	AF062089	1	1	0	+		+	+	+
initiation factor 4B cDNA	X55733	2	0	2					
inner membrane protein, mitochondrial (mitofilin)	D21094	2	2	0	+	+	+	+	+
inositol 1,3,4-triphosphate 5/6 kinase	U51336	1	1	0	+	+		+	+
inositol 1,4,5-triphosphate receptor, type 1	U23850	2	2	0	+		+	+	+
inositol 1,4,5-trisphosphate 3-kinase B	X57206	5	2	3	+	+	+	+	+
inositol 1,4,5-trisphosphate 3-kinase C	D38169	1	1	0	+	+		+	+
inositol monophosphatase	S38980	1	1	0					
Inositol polyphosphate-4-phosphatase, type I, 107kD	AI652483	2	1	1	+				+
inositol polyphosphate-5-phosphatase, 145kD	U84400	6	5	1	+	+	+	+	+
insulin induced gene 1	U96876	1	1	0					
insulin receptor substrate 2	AF073310	1	0	1	+	+		+	+
insulin-like growth factor 1 receptor	X04434	1	0	1		+	+	+	+
insulin-like growth factor 2 receptor	J03528	9	7	2	+	+	+	+	+
integral inner nuclear membrane protein (MAN1),	Hs.7256	1	1	0	+	+	+	+	+
integral membrane protein 1	L38961	2	2	0	+	+	+	+	+
integral membrane protein 2A	AF038953	1	1	0	+	+	+	+	+
integral membrane protein 2B	Hs.239625	3	1	2	+	+	+	+	+
integrin beta 1 subunit	X07979	4	2	2					
integrin beta 4 binding protein	Y11435	3	2	1	+	+	+	+	+
integrin beta 7 subunit (low match)	S49367	1	1	0					
integrin cytoplasmic domain-associated protein 1	AF012023	1	0	1	+	+	+	+	+
integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41B)	M34480	4	4	0					
integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) (ITGA4)	NM_000885	5	4	1	+	+	+	+	+
integrin, alpha 5 (fibronectin receptor, alpha polypeptide)	M13918	5	4	1	+	+	+	+	+
Integrin, alpha 6	AF166343	1	0	1					
integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)	Y00796	10	8	2				+	+
Integrin, alpha M (complement component receptor 3, alpha; also known as CD11b (p170), macrophage antigen alpha polypeptide)	NM_000632	10	2	8	+	+	+		+
integrin, alpha X (antigen CD11C (p150), alpha polypeptide)	M81695	3	3	0			+	+	+
integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit)	M15395	53	47	6	+	+	+	+	+
integrin, beta 7 (ITGB7)	NM_000889	3	1	2	+				+
Integrin-linked kinase	NM_004517	4	1	3	+		+	+	+
intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	J03132	1	1	0	+	+	+	+	+
intercellular adhesion molecule 2	X15606	2	2	0	+	+	+	+	+
intercellular adhesion molecule 3	X69711	9	9	0	+	+		+	+
intercellular adhesion molecule 4, Landsteiner-Wiener blood group	L27670	1	1	0					+
interferon (alpha, beta and omega) receptor 2	L41944	1	1	0	+	+	+	+	+
interferon consensus sequence binding protein 1	M91196	2	2	0	+	+	+	+	+
interferon gamma receptor 1	J03143	4	2	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
interferon gamma receptor 2 (interferon gamma transducer 1)	*U05877	1	0	1	+	+	+	+	+
interferon induced transmembrane protein 2 (1-8D) (IFITM2)	NM_006435	11	6	5	+	+	+	+	+
interferon induced transmembrane protein 3 (1-8U)	X57352	1	1	0			+	+	+
interferon regulatory factor 1 (IRF1)	NM_002198	6	5	1	+	+	+	+	+
interferon regulatory factor 2	X15949	8	6	2	+	+	+	+	+
interferon regulatory factor 3	Z56281	2	2	0	+	+	+	+	+
interferon regulatory factor 4	U52682	1	0	1		+		+	+
interferon regulatory factor 5	U51127	1	1	0	+	+	+		+
Interferon stimulated gene (20kD)	U88964	2	1	1			+	+	+
Interferon, gamma-inducible protein 16	AF208043	5	3	2	+	+	+	+	+
interferon, gamma-inducible protein 30	J03909	13	10	3	+	+	+	+	+
INTERFERON-INDUCED GUANYLATE-BINDING PROTEIN 1 (GUANINE NUCLEOTIDE-BINDING PROTEIN 1) (non-exact 62%)	P32455	1	1	0					
Interferon-induced protein 75, 52kD	AF280095	4	4	0	+	+	+	+	+
interferon-induced protein with tetratricopeptide repeats 4	U52513	1	1	0					+
interferon-induced, hepatitis C-associated microtubular aggregate protein (44kD)(MTAP44),	Hs.82316	1	1	0	+	+		+	+
interferon-related developmental regulator 1	Y10313	7	5	2	+	+		+	+
interferon-stimulated transcription factor 3, gamma (48kD)	M87503	5	4	1	+	+	+	+	+
interleukin 1 receptor accessory protein	AB006537	1	0	1		+		+	+
interleukin 1 receptor, type II	U64094	1	1	0					
interleukin 1, beta	M15330	3	1	2	+			+	+
interleukin 10 receptor, alpha	U00672	8	7	1		+	+	+	+
interleukin 10 receptor, beta	U08988	1	1	0					
interleukin 11 receptor, alpha	U32324	8	8	0		+		+	+
interleukin 12 receptor, beta 1	U03187	2	2	0	+		+		+
interleukin 13 receptor, alpha 1	Y09328	2	2	0	+	+	+	+	+
interleukin 16 (IL16) gene	AF077011	1	0	1					
interleukin 16 (lymphocyte chemoattractant factor)	U82972	10	8	2	+	+	+	+	+
Interleukin 17 receptor	NM_014339	1	0	1					+
interleukin 18 receptor 1	U43672	1	1	0		+		+	+
interleukin 18 receptor accessory protein	AF077346	4	2	2				+	
interleukin 2 receptor, beta	M26062	9	9	0		+		+	+
Interleukin 2 receptor, gamma (severe combined immunodeficiency)	NM_000206	9	6	3	+	+	+	+	+
interleukin 4 receptor	X52425	8	4	4	+		+	+	+
interleukin 6 receptor	X12830	9	6	3	+	+	+	+	+
interleukin 6 signal transducer (gp130, oncostatin M receptor)	M57230	2	2	0		+	+	+	+
interleukin 7 receptor	M29696	38	29	9				+	+
interleukin 8	M28130	8	4	4					
interleukin 8 receptor, alpha	L19591	27	17	10					
interleukin 8 receptor, beta	L19593	32	22	10	+				+
interleukin enhancer binding factor 1 (ILF1)	NM_004514	1	0	1	+	+		+	+
interleukin enhancer binding factor 2, 45kD	U10323	3	3	0	+	+	+	+	+
Interleukin enhancer binding factor 3, 90kD	AA442933	7	5	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
interleukin-1 receptor-associated kinase 1	L76191	9	9	0	+	+	+	+	+
INTERLEUKIN-14 PRECURSOR (IL-14) (HIGH MOLECULAR WEIGHT B-CELL GROWTH FACTOR) (HMW-BCGF) (non-exact 46%)	P40222	1	1	0					
interleukin-7 receptor precursor (IL7R) gene, exons 7 and 8 and complete cds	AF043129.1	1	1	0					
intersectin short isoform (ITSN)	AF114488	1	0	1	+	+	+	+	+
Intracellular membrane-associated calcium-independent phospholipase A2 gamma	AA504219	4	2	2	+		+	+	+
intracellular protein transport protein US	U56964	1	1	0					
intracisternal A particle-promoted polypeptide (IPP), mRNA	Hs.157180	1	1	0	+	+	+	+	+
inversin (non-exact 52%)	AF084367	1	1	0			+	+	+
IP3 3-kinase	X74227	1	1	0					
IQ motif containing GTPase activating protein 1	L33075	9	7	2	+	+	+	+	+
IQ motif containing GTPase activating protein 2	U51903	2	1	1	+		+	+	+
IRC1 protein /cds, CMRF-35H Leukocyte membrane antigen	Hs.9688	1	1	0	+			+	+
Iris cDNA (Un-normalized, unamplified): BX Homo sapiens cDNA clone bx16c11 5'	BF725478.1	1	1	0	+	+	+	+	+
ISG-54K (interferon stimulated gene, 54 kDa)	M14660	8	5	3					
isocitrate dehydrogenase 1 (NADP+), soluble	AF020038	4	4	0	+	+	+	+	+
isocitrate dehydrogenase 2 (NADP+), mitochondrial	U52144	2	2	0					
isocitrate dehydrogenase 3 (NAD+) alpha	U07681	2	2	0	+	+	+	+	+
isocitrate dehydrogenase 3 (NAD+) beta	U49283	2	2	0					
isocitrate dehydrogenase 3 (NAD+) gamma	Z68907	1	1	0	+	+	+	+	+
isolate Aus3 cytochrome b (CYTB)	AF042516	1	1	0					
isoleucine-tRNA synthetase	D28473	1	0	1	+	+	+	+	+
isopentenyl diphosphate dimethylallyl diphosphate isomerase 1 (IDI1)gene, exon 2	AF271721S2	1	1	0					
Isopentenyl-diphosphate delta isomerase	NM_004508	8	6	2	+	+	+	+	+
Janus kinase 1 (a protein tyrosine kinase)	M64174	7	4	3	+	+	+	+	+
Janus kinase 2 (a protein tyrosine kinase)	AF005216	1	1	0	+			+	+
Jk-recombination signal binding protein (RBPJK)	L07876	3	3	0	+	+	+	+	+
JM1 protein	AJ005890	2	1	1	+		+		+
jumonji (mouse) homolog	U57592	1	1	0		+	+	+	+
jumping translocation breakpoint	AF115850	1	1	0	+	+	+	+	+
jun D proto-oncogene	X51346	1	1	0	+	+	+		+
jun dimerization protein gene (=c-fos)	AF111167	5	1	4					
junction plakoglobin	M23410	1	1	0	+	+	+	+	+
Junctional adhesion molecule 3	AA346440	2	2	0	+	+	+	+	+
junctional adhesion molecule-1 mRNA,	Hs.286218	1	1	0					
K-12 MG1655 section 122 of 400 of the complete genome	D00232.1 AE000	1	1	0					
K-12 MG1655 section 13 of 400 of the complete genome	AE000123.1	1	1	0					
K-12 MG1655 section 76 of 400 of the complete genome	D00186.1 AE000	1	1	0					
kallikrein B, plasma (Fletcher factor) 1	M13143	1	1	0			+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4))	S48196	2	2	0	+		+	+	+
karyopherin (importin) beta 1	L39793	3	3	0					
karyopherin (importin) beta 2	U72395	1	1	0	+	+	+	+	+
Karyopherin (importin) beta 3	Y08890	1	0	1	+	+	+	+	+
Karyopherin alpha 1 (importin alpha 5)	U20620	2	1	1	+		+	+	+
karyopherin alpha 2 (RAG cohort 1, importin alpha 1)	U09559	2	1	1	+	+	+	+	+
Karyopherin alpha 3 (importin alpha 4)	N94793	2	2	0	+	+	+	+	+
karyopherin beta 2b, transportin	AF019039	1	1	0			+	+	+
katanin p80 (WD40-containing) subunit B 1	AF052432	1	1	0	+	+	+	+	+
KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1	NM_006801	2	0	2	+	+	+	+	+
KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2	N28980	1	1	0	+	+	+	+	+
KE03 protein	AF064604	3	3	0	+	+	+	+	+
Kelch motif containing protein	AA354784	1	1	0	+	+	+	+	+
kelch-like 2, Mayven (Drosophila)	AF059569	3	2	1	+			+	+
Kelch-like ECH-associated protein 1	D50922	1	1	0	+		+	+	+
kelch-like protein C3IP1(C3IP1)	NM_021633	2	1	1	+	+		+	+
keratin 8	M26512	3	2	1					
KIAA0005 gene product	NM_014670	9	5	4	+	+	+	+	+
KIAA0010 gene product(KIAA0010)	NM_014671	2	1	1	+	+	+	+	+
KIAA0015 gene product	D86995	8	7	1					
KIAA0022 gene product	D14664	2	2	0	+		+	+	+
KIAA0027 protein	D25217	1	1	0	+			+	+
KIAA0036 gene product	NM_014642	1	0	1	+		+	+	+
KIAA0040 gene product(KIAA0040)	NM_014656	3	1	2	+	+	+	+	+
KIAA0050 gene product(KIAA0050)	NM_014716	4	3	1	+		+		+
KIAA0053 gene product	D29642	20	19	1	+	+	+	+	+
KIAA0054 gene product; Helicase	D29677	1	0	1		+	+	+	+
KIAA0063 gene product	D31884	4	3	1	+	+	+	+	+
KIAA0068 protein	D38549	1	1	0	+	+	+	+	+
KIAA0071 protein	D31888	1	0	1	+	+	+	+	+
KIAA0073 protein	D38552	3	3	0			+	+	
KIAA0084 protein	D42043	2	2	0	+	+	+	+	+
KIAA0088 protein	D42041	3	3	0	+	+	+	+	+
KIAA0090 protein	D42044	2	2	0	+	+	+	+	+
KIAA0092 gene product	NM_014679	4	3	1	+	+	+	+	+
KIAA0094 protein	D42084	3	3	0	+		+	+	+
KIAA0095 gene product	D42085	2	1	1	+	+	+	+	+
KIAA0096 protein	D43636	3	3	0	+	+	+	+	+
KIAA0097 gene product	X92474	1	1	0	+	+	+	+	+
KIAA0098 protein	D43950	2	0	2	+	+	+	+	+
KIAA0102 gene product	D14658	3	3	0	+	+	+	+	+
KIAA0107 gene product(KIAA0107)	NM_014814	1	0	1	+	+	+	+	+
KIAA0112 protein; homolog of yeast ribosome biogenesis regulatory protein RRS1	D25218	1	1	0	+	+	+	+	+
KIAA0117 protein	D38491	1	1	0	+	+	+	+	+
KIAA0121 gene product	D50911	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA0123 protein	D21064	1	1	0	+	+	+	+	+
KIAA0124 protein	D50914	1	1	0	+	+	+		+
KIAA0129 gene product	D50919	2	1	1	+	+		+	+
KIAA0130 gene product	AF055995	2	2	0	+		+	+	+
KIAA0136 protein	D50926	2	2	0	+	+	+	+	+
KIAA0140 gene product	D50930	2	2	0	+	+	+	+	+
KIAA0141 gene product	D50931	4	4	0	+	+	+	+	+
KIAA0144 gene product	D63478	7	7	0	+	+	+	+	+
KIAA0146 protein	D63480	2	2	0	+	+	+	+	+
KIAA0150 protein	D63484	1	1	0	+		+		+
KIAA0154 protein; ADP-ribosylation factor binding protein GGA3	D63876	2	2	0	+	+	+	+	+
KIAA0155 gene product (KIAA0155),mRNA	Hs.173288	3	1	2	+	+	+	+	+
KIAA0156 gene product	AB020880	2	1	1	+	+	+	+	+
KIAA0157 protein	D63877	1	1	0	+	+	+	+	
KIAA0160 protein	D63881	2	2	0	+	+	+	+	+
KIAA0161 gene product	D79983	1	1	0	+	+		+	+
KIAA0164 gene product	AF249273	7	3	4	+	+	+	+	+
KIAA0167 gene product	D79989	1	1	0	+				
KIAA0171 gene product	D79993	5	3	2	+	+	+	+	+
KIAA0173 gene product	D79995	1	1	0		+		+	+
KIAA0174 gene product	D79996	8	7	1	+	+	+	+	+
KIAA0179 protein	D80001	2	2	0	+	+	+	+	+
KIAA0182 protein	D80004	1	1	0	+	+	+	+	+
KIAA0184 gene	D80006	3	2	1					
KIAA0185 protein	D80007	1	1	0	+	+	+	+	+
KIAA0193 gene product	D83777	1	1	0	+	+	+	+	+
KIAA0196 gene product	D83780	1	1	0	+	+	+	+	+
KIAA0210 gene product	D86965	4	3	1	+	+	+	+	+
KIAA0217 protein	D86971	3	2	1	+	+	+	+	+
KIAA0222 gene product	D86975	1	1	0	+	+		+	+
KIAA0229 protein	D86982	2	2	0	+	+	+	+	+
KIAA0232 gene product	D86985	2	1	1	+	+	+	+	+
KIAA0233 gene product	D87071	1	1	0	+		+	+	+
KIAA0235 protein	D87078	6	3	3	+	+	+	+	+
KIAA0239 protein	D87076	3	3	0	+	+	+		+
KIAA0240 protein	D87077	1	1	0	+	+	+	+	+
KIAA0242 protein	D87684	7	5	2	+	+	+	+	+
KIAA0247 gene product	D87434	1	0	1	+	+	+	+	+
KIAA0254 gene product	D87443	2	1	1	+	+	+	+	+
KIAA0255 gene product	D87444	6	5	1	+	+	+	+	+
KIAA0257 gene, partial cds /cds=UNKNOWN /gb=D87446	Hs.75912	1	1	0	+		+	+	+
KIAA0261 protein	D87450	2	2	0	+	+	+	+	+
KIAA0263 gene product	D87452	1	1	0	+	+	+	+	+
KIAA0264 protein	D87453	6	5	1	+	+	+	+	+
KIAA0268 protein	D87742	1	1	0	+	+	+	+	+
KIAA0275 gene product	D87465	13	13	0	+		+		+
KIAA0280 protein	D87470	1	0	1	+	+	+	+	+
KIAA0285 gene product	AB006623	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA0296 gene product	F06579	1	1	0					
KIAA0304 gene product	AB002302	2	2	0	+	+	+	+	+
KIAA0305 gene product	AB002303	1	0	1	+	+	+	+	+
KIAA0308 protein	AB002306	2	2	0	+	+	+	+	+
KIAA0310 gene product	AB002308	1	1	0	+	+	+	+	+
KIAA0317 gene product	AB002315	1	1	0	+	+	+	+	+
KIAA0323 protein	AB002321	1	0	1	+	+	+	+	+
KIAA0329 gene product	AB002327	1	1	0	+	+	+	+	+
KIAA0332 protein	AB002330	1	1	0	+	+	+	+	+
KIAA0336 gene product	AB002334	4	4	0	+	+	+	+	+
KIAA0342 gene product	AB002340	1	1	0	+	+		+	+
KIAA0349 protein	AB002347	1	0	1	+	+	+	+	+
KIAA0354 gene product	AB002352	2	2	0	+	+	+	+	+
KIAA0365 gene product	AB002363	5	4	1	+	+	+	+	+
KIAA0368 gene	AB002366	1	0	1	+	+	+	+	+
KIAA0370 gene	AB002368	10	6	4	+	+	+	+	+
KIAA0372 gene product	AB002370	1	1	0	+	+	+	+	+
KIAA0373 gene product	AB002371	1	1	0	+	+		+	+
KIAA0375 gene product	AB002373	1	1	0	+	+	+		+
KIAA0376 protein	AB002374	3	3	0	+	+		+	+
KIAA0377 gene product	AB002375	1	1	0	+			+	
KIAA0379 protein	AB002377	4	4	0		+	+	+	+
KIAA0391 gene product(KIAA0391)	NM_014672	1	0	1	+	+	+	+	+
KIAA0397 gene product	AB007857	5	5	0	+	+	+	+	+
KIAA0401 protein	AB007861	2	0	2	+	+		+	+
KIAA0403 protein	AB007863	5	5	0	+				
KIAA0404 protein	AB007864	1	1	0		+			+
KIAA0409 protein	AB007869	2	2	0	+	+	+	+	+
KIAA0410 gene product	Hs.406243	1	0	1	+	+		+	+
KIAA0421 protein	AB007881	1	1	0	+	+	+	+	+
KIAA0423 protein	AB007883	1	0	1	+	+	+	+	+
KIAA0429 gene product	AB007889	5	3	2	+	+	+	+	+
KIAA0430 gene product	AB007890	4	2	2	+	+	+	+	+
KIAA0433 protein	H51699	1	1	0	+	+	+	+	+
KIAA0435 gene product	AB007895	1	1	0	+				+
KIAA0438 gene product (KIAA0438),	Hs.279849	2	2	0	+	+	+	+	+
KIAA0440 protein	AB007900	2	2	0	+	+	+	+	+
KIAA0446 gene product	AA884365	2	2	0	+	+		+	+
KIAA0447 gene product	AA311742	5	5	0	+	+	+	+	+
KIAA0449 protein	AB007918	2	2	0	+		+		+
KIAA0453 protein, partial cds /cds=UNKNOWN /gb=AB007922	Hs.194737]	1	0	1	+	+	+	+	+
KIAA0456 protein	AB007925	1	1	0	+	+	+	+	+
KIAA0462 protein	AB007931	2	1	1	+	+	+	+	+
KIAA0469 gene product	AB007938	1	1	0	+	+	+	+	+
KIAA0470 gene product	AA188110	1	1	0	+	+	+	+	+
KIAA0476 gene product(KIAA0476)	NM_014856	5	3	2	+	+	+	+	+
KIAA0480 gene product(KIAA0480)	NM_014810	1	0	1	+	+	+	+	+
KIAA0481 gene product	AB007950	1	0	1	+	+		+	+
KIAA0489 protein	AB007958	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA0493 protein	AB007962	3	2	1	+			+	
KIAA0494 gene product	AB007963	2	1	1	+	+	+	+	+
KIAA0515 protein	AA234797	3	3	0	+	+	+	+	+
KIAA0528 gene product	AB011100	2	1	1	+		+	+	+
KIAA0530 protein	AB011102	4	1	3	+	+	+	+	+
KIAA0532 protein	AB011104	1	1	0	+	+		+	+
KIAA0537 gene product	AB011109	1	1	0	+	+		+	+
KIAA0540 protein	AB011112	1	1	0	+	+	+		+
KIAA0543 protein	AB011115	1	1	0	+	+	+	+	+
KIAA0544 protein	AB011116	2	2	0	+		+		+
KIAA0551 protein	AB011123	2	2	0	+	+	+	+	+
KIAA0554 protein	AB011126	8	8	0	+	+	+	+	+
KIAA0557 protein	AB011129	1	1	0	+	+	+	+	+
KIAA0560 protein, partial cds /cds=UNKNOWN /gb=AB011132'	Hs.129952	1	1	0	+	+	+	+	+
KIAA0561 protein	AB011133	1	1	0	+		+	+	+
KIAA0562 gene product	AB011134	1	1	0		+	+	+	+
KIAA0573 protein	AB011145	4	3	1	+	+	+	+	+
KIAA0576 protein	AA315245	2	2	0		+	+	+	+
KIAA0580 protein	AB011152	1	1	0	+	+	+	+	+
KIAA0584 protein	AB011156	1	1	0	+				+
KIAA0590 gene product	AB011162	1	1	0		+	+		
KIAA0591/KIF1Bbeta mRNA,	Hs.129908	3	3	0					
KIAA0592 protein	AB011164	5	5	0	+	+	+	+	+
KIAA0592 protein, partial cds /cds=UNKNOWN /gb=AB011164	Hs.13273	1	1	0					
KIAA0596 protein	AB011168	2	2	0	+	+		+	+
KIAA0608 protein	AB011180	2	2	0	+		+	+	
KIAA0614 protein	AB014514	6	5	1	+	+	+	+	+
KIAA0615 gene product	AB014515	3	2	1	+	+	+	+	+
KIAA0618 gene product	AB014518	3	2	1					
KIAA0625 protein (KIAA0625), mRNA	NM_015046.1	1	1	0	+	+	+	+	+
KIAA0626 gene product	H04203	1	1	0	+	+	+	+	
KIAA0630 protein, partial cds /cds=UNKNOWN /gb=AB014530	Hs.12259	2	1	1	+	+	+	+	+
KIAA0640 protein, partial cds /cds=UNKNOWN /gb=AB014540	Hs.153026	1	0	1		+	+	+	+
KIAA0642 protein, partial cds /cds=UNKNOWN /gb=AB014542	Hs.323317	1	0	1	+	+	+	+	+
KIAA0648 protein	AB014548	2	2	0	+	+	+	+	+
KIAA0650 protein, partial cds /cds=UNKNOWN /gb=AB014550	Hs.8118	2	2	0	+	+	+	+	+
KIAA0652 gene product	AB014552	2	1	1	+	+	+	+	+
KIAA0668 protein	AA852089	4	4	0	+	+	+	+	+
KIAA0669 gene product	AB014569	1	1	0			+	+	+
KIAA0671 gene product	AB014571	2	2	0	+		+	+	+
KIAA0674 protein	AB014574	2	1	1	+	+	+	+	+
KIAA0675 gene product	AB014575	2	2	0	+	+	+	+	+
KIAA0676 protein	R17167	2	2	0	+	+	+	+	+
KIAA0677 gene product	AB014577	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA0678 protein	AB014578	1	1	0	+	+	+	+	+
KIAA0680 gene product	AB014580	1	1	0		+	+	+	+
KIAA0692 protein	AA676578	5	5	0	+	+	+	+	+
KIAA0693 protein, partial cds /cds=UNKNOWN /gb=AB014593	Hs.154429	1	1	0	+	+	+	+	+
KIAA0697 protein	AB014597	2	1	1	+	+	+	+	+
KIAA0699 protein	AB014599	4	2	2	+	+	+	+	+
KIAA0700 protein	BAA31675	2	1	1					
KIAA0704 protein	AB014604	2	2	0	+	+	+	+	+
KIAA0710 gene product(KIAA0710)	NM_014871	1	0	1	+	+	+	+	+
KIAA0713 protein	AB018256	1	0	1					
KIAA0726 gene product	AB018269	1	0	1	+		+	+	+
KIAA0729 protein	AB018272	5	2	3	+	+	+	+	+
KIAA0737 gene product	AB018280	2	1	1	+	+	+	+	+
KIAA0742 protein	AB018285	2	0	2	+	+	+	+	+
KIAA0747 protein	AB018290	6	2	4	+	+	+	+	+
KIAA0748 gene product	AB018291	2	2	0	+			+	+
KIAA0759 protein	AB018302	1	0	1	+			+	+
KIAA0763 gene product	AB018306	4	3	1	+	+	+	+	+
KIAA0764 gene product	AA480042	6	4	2	+	+	+	+	+
KIAA0766 gene product	AA281829	1	1	0	+	+		+	+
KIAA0767 protein	AB018310	2	1	1	+	+	+	+	+
KIAA0769 gene product	AB018312	3	3	0	+	+	+	+	+
KIAA0776 protein	Hs.5460	1	0	1	+	+	+	+	+
KIAA0779 protein	AB018322	1	0	1	+	+	+	+	+
KIAA0782 protein	AA447269	2	2	0	+		+	+	+
KIAA0787 protein	AB018330	1	0	1	+	+	+	+	+
KIAA0788 protein	3882296	1	1	0	+	+	+	+	+
KIAA0794 protein	AB018337	1	1	0	+	+	+		+
KIAA0795 protein	AB018338	1	1	0	+	+	+	+	+
KIAA0798 gene product	AB018341	1	1	0			+	+	+
KIAA0800 gene product (KIAA0800), mRNA	Hs.118738	1	1	0	+	+	+	+	+
KIAA0804 protein, partial cds /cds=UNKNOWN /gb=AB018347 /gi=3882328 /ug=Hs.7316 /len=4216	Hs.7316	1	1	0	+	+	+	+	+
KIAA0806 gene product (KIAA0806),	Hs.24279	1	1	0	+		+	+	+
KIAA0808 gene product	NM_014729	1	0	1	+		+		+
KIAA0810 protein	AB018353	1	0	1	+	+	+	+	+
KIAA0823 protein	AB020630	1	1	0	+	+	+	+	+
KIAA0826 protein	AA576349	2	2	0	+	+	+	+	+
KIAA0842 protein	AA707908	2	2	0	+	+	+	+	+
KIAA0843 protein	AB020650	1	1	0	+	+	+	+	+
KIAA0852 protein	AA334627	1	1	0	+	+	+	+	+
KIAA0853 protein	AB020660	1	0	1	+	+	+	+	+
KIAA0854 protein	AB020661	5	3	2	+	+	+	+	+
KIAA0856 protein	AB020663	4	1	3	+	+	+	+	+
KIAA0860 protein	AB020667	1	1	0	+		+	+	+
KIAA0867 protein	AA305944	1	1	0	+	+	+	+	+
KIAA0870 protein, partial cds /cds=UNKNOWN /gb=AB020677	Hs.18166	3	3	0		+	+	+	+
KIAA0871 protein	AB020678	3	3	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA0872 protein	AB020679	3	1	2	+	+	+	+	+
KIAA0874 protein (KIAA0874),	Hs.27973	4	4	0	+	+	+	+	+
KIAA0888 protein	AB020695	1	1	0	+		+		+
KIAA0892 protein	AB020699	1	1	0	+	+	+	+	+
KIAA0899 protein	AB020706	1	0	1	+	+	+	+	+
KIAA0909 protein	AB020716	1	0	1	+	+	+		+
KIAA0911 protein	R84554	2	2	0	+	+	+	+	+
KIAA0912 protein, partial cds /cds=UNKNOWN AB020719	Hs.207802]	1	1	0				+	
KIAA0913 protein	AA325330	1	1	0	+	+	+	+	+
KIAA0914 gene product	AA159891	1	1	0	+		+	+	+
KIAA0916 protein	AF075587	2	0	2	+	+	+	+	+
KIAA0919 protein, partial cds /cds=UNKNOWN /gb=AB023136	Hs.44175	1	1	0	+		+		+
KIAA0922 protein (KIAA0922),	Hs.37892	2	2	0		+	+	+	+
KIAA0930 protein, partial cds /cds=UNKNOWN /gb=AB023147	Hs.13255	1	1	0	+	+	+	+	+
KIAA0935 protein (KIAA0935), mRNA	XM_052620.1	1	1	0					
KIAA0940 protein	AB023157	1	0	1	+			+	
KIAA0944 protein	AB023161	1	1	0			+		+
KIAA0945 protein (KIAA0945),	Hs.22109	1	1	0	+		+	+	+
KIAA0948 protein	AA179568	3	3	0	+	+	+	+	+
KIAA0955 protein	AA287702	3	3	0	+	+	+	+	+
KIAA0981 protein	AA402074	1	1	0	+			+	+
KIAA0982 protein	AA812976	1	1	0	+	+		+	+
KIAA0983 protein	AB023200	1	0	1	+		+	+	+
KIAA0990 protein	AA312736	1	1	0	+	+	+	+	+
KIAA0993 protein	R62415	3	2	1	+		+	+	+
KIAA0994 protein, partial cds /cds=UNKNOWN /gb=AB023211	Hs.33455]	2	2	0	+				+
KIAA0997 protein mRNA sequence	Hs.372699	2	1	1	+			+	+
KIAA1007 protein	AB023224	1	0	1	+	+	+	+	+
KIAA1008 protein	AB023225	1	0	1	+	+	+	+	+
KIAA1010 protein	AA453500	1	1	0	+	+	+	+	+
KIAA1012 protein	AB023229	3	1	2	+		+	+	+
KIAA1014 protein	AA149024	2	2	0	+	+	+	+	+
KIAA1023 protein	R14449	1	1	0	+	+	+		+
KIAA1025 protein	AA314006	3	2	1	+	+	+	+	+
KIAA1035 protein	AK001544	2	0	2	+		+		+
KIAA1040 protein	AB028963	1	0	1	+	+	+	+	+
KIAA1041 protein (KIAA1041)	NM_014947	2	0	2	+	+	+	+	+
KIAA1042 protein	AA689393	1	1	0	+	+	+	+	+
KIAA1049 protein (KIAA1049),	Hs.227835	1	1	0	+	+	+	+	+
KIAA1050 protein, partial cds /cds=UNKNOWN /gb=AB028973	Hs.184628	1	1	0	+	+	+	+	+
KIAA1055 protein	AA417013	1	1	0	+	+	+		+
KIAA1066 protein, partial cds	AB028989.1	1	1	0	+	+	+	+	+
KIAA1067 protein	AB028990	5	2	3	+	+	+	+	+
KIAA1068 protein	H15669	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA1068 protein, partial cds /cds=UNKNOWN /gb=AB028991	Hs.4770	2	2	0	+	+	+	+	+
KIAA1089 protein	AA865966	2	2	0	+	+	+	+	+
KIAA1091 protein (Low score)	AB029014	2	0	2	+	+	+	+	+
KIAA1092 protein, partial cds /cds=UNKNOWN /gb=AB029015 /gi=5689520 /ug=Hs.54886 /len=4147	Hs.54886	2	1	1	+	+	+	+	+
KIAA1093 protein, partial cds /cds=UNKNOWN /gb=AB029016 /gi=14133234 /ug=Hs.117333 /len=5479	Hs.117333	2	2	0	+		+	+	+
KIAA1096 protein	AA312240	1	1	0	+	+	+	+	+
KIAA1100 protein	AA314249	3	2	1	+	+	+	+	+
KIAA1105 protein	AF180425	1	0	1	+	+	+	+	+
KIAA1108 protein, partial cds /cds=UNKNOWN /gb=AB029031	Hs.278586	1	1	0	+	+	+	+	+
KIAA1109 protein	AB029032	2	1	1	+	+		+	+
KIAA1111 protein	AB029034	1	0	1		+		+	+
KIAA1116 protein (KIAA1116),	Hs.227602	1	1	0	+	+	+	+	+
KIAA1126 protein	AA130199	1	1	0	+	+	+	+	+
KIAA1143 protein	R06046	1	1	0	+	+	+	+	+
KIAA1147 protein, partial cds /cds=UNKNOWN /gb=AB032973	Hs.12461	1	1	0					
KIAA1157 protein	AB032983	1	0	1	+	+	+	+	+
KIAA1160 protein, partial cds /cds=UNKNOWN /gb=AB032986	Hs.33122	3	3	0	+	+	+	+	+
KIAA1170 protein	BAA86484	1	0	1					
KIAA1181 protein	AA428816	1	1	0	+	+	+	+	+
KIAA1184 protein, partial cds /cds=UNKNOWN	Hs.100747	1	1	0					
KIAA1191 protein	Y13871	4	4	0					
KIAA1197 protein, partial cds /cds=UNKNOWN /gb=AB033023	Hs.318127	1	1	0	+	+			+
KIAA1198 protein, partial cds /cds=UNKNOWN /gb=AB033024	Hs.175475	1	1	0				+	
KIAA1219 protein	N36561	2	1	1	+	+		+	+
KIAA1224 protein	AI936489	2	0	2	+	+	+	+	+
KIAA1226 protein	AA152358	1	1	0	+	+		+	+
KIAA1228 protein	AB033054	3	2	1	+	+	+	+	+
KIAA1229 protein, partial cds /cds=UNKNOWN /gb=AB033055 /gi=6330699 /ug=Hs.71109 /len=5654	Hs.71109	2	1	1	+	+	+	+	+
KIAA1242 protein, partial cds /cds=UNKNOWN /gb=AB033068	Hs.268384	1	1	0	+	+	+	+	+
KIAA1247 protein	Hs.43857	2	1	1	+	+	+	+	+
KIAA1249 protein, partial cds /cds=UNKNOWN /gb=AB033075	Hs.10669	2	1	1	+	+	+	+	+
KIAA1253 protein	AB033079	3	2	1	+	+	+	+	+
KIAA1254 protein	AB033080	6	3	3	+	+	+	+	+
KIAA1255 protein	AB033081	1	0	1	+	+	+	+	+
KIAA1257 protein, partial cds /cds=UNKNOWN /gb=AB033083	Hs.97377	1	1	0					+
KIAA1265 protein	AB033091	1	0	1	+	+	+		+
KIAA1268 protein, partial cds /cds=UNKNOWN /gb=AB033094	Hs.152925	5	4	1		+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA1270 protein, partial cds /cds=UNKNOWN /gb=AB033096	Hs.197668	1	1	0	+		+	+	+
KIAA1280 protein (KIAA1280), mRNA	XM_045766.3	1	1	0					
KIAA1298 protein	AA358254	4	4	0		+	+	+	+
KIAA1300 protein	N94872	1	1	0	+	+	+	+	+
KIAA1308 protein, partial cds /cds=UNKNOWN	Hs.106185	4	2	2	+	+	+	+	+
KIAA1316 protein, partial cds /cds=UNKNOWN /gb=AB037737	Hs.24255	1	1	0		+	+	+	+
KIAA1322 protein	AB037743	3	2	1	+	+	+	+	+
KIAA1327 protein, partial cds /cds=UNKNOWN /gb=AB037748	Hs.106204	2	1	1	+	+	+	+	+
KIAA1328 protein, partial cds /cds=UNKNOWN /gb=AB037749	Hs.186928	1	1	0					+
KIAA1331 protein, partial cds /cds=UNKNOWN /gb=AB037752	Hs.3355	2	2	0					
KIAA1332 protein	AB037753	1	0	1	+	+	+	+	+
KIAA1341 protein, partial cds /cds=UNKNOWN /gb=AB037762	Hs.44268	1	1	0	+	+	+	+	+
KIAA1354 protein, partial cds /cds=UNKNOWN /gb=AB037775	Hs.106283	1	0	1	+	+	+	+	+
KIAA1358 protein, partial cds /cds=UNKNOWN	Hs.103931	2	2	0		+			+
KIAA1369 protein, partial cds /cds=UNKNOWN /gb=AB037790	Hs.258730	4	3	1	+	+	+	+	+
KIAA1370 protein, partial cds /cds=UNKNOWN /gb=AB037791	Hs.29716	1	1	0	+	+	+	+	+
KIAA1376 protein, partial cds /cds=UNKNOWN /gb=AB037797	Hs.24684	1	1	0	+	+	+		+
KIAA1380 protein	AB037801	2	1	1	+	+		+	+
KIAA1386 protein, partial cds	AB037807.1	1	1	0	+	+	+	+	+
KIAA1387 protein	R28564	3	2	1	+	+	+	+	+
KIAA1388 protein, partial cds /cds=UNKNOWN /gb=AB037809	Hs.129268	1	1	0	+	+	+		
KIAA1389 protein	AA263151	1	1	0	+	+	+	+	+
KIAA1396 protein, partial cds /cds=UNKNOWN /gb=AB037817	Hs.230188	1	0	1	+	+	+		
KIAA1404 protein, partial cds /cds=UNKNOWN /gb=AB037825	Hs.200317	1	1	0		+	+	+	+
KIAA1415 protein, partial cds /cds=UNKNOWN /gb=AB037836	Hs.109315	7	6	1	+	+	+	+	+
KIAA1417 protein, partial cds /cds=UNKNOWN /gb=AB037838	Hs.306425	1	0	1	+	+		+	+
KIAA1418 protein, partial cds /cds=UNKNOWN /gb=AB037839	Hs.94491	1	1	0	+	+	+	+	+
KIAA1429 protein, partial cds /cds=UNKNOWN /gb=AB037850	Hs.16621	3	2	1	+	+	+	+	+
KIAA1435 protein	C02756	1	1	0	+	+	+	+	+
KIAA1437 protein	AB037858	2	1	1	+	+	+	+	+
KIAA1449 protein, partial cds /cds=UNKNOWN /gb=AB040882	Hs.109778	1	1	0	+	+	+	+	+
KIAA1450 KIAA1450 protein	Hs.83243	1	1	0	+	+	+	+	+
KIAA1454 protein	AB040887	1	0	1	+			+	

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA1470 protein, partial cds /cds=UNKNOWN /gb=AB040903	Hs.284146	2	1	1		+	+	+	+
KIAA1476 protein	AB040909	1	0	1	+		+	+	+
KIAA1483 protein, partial cds /cds=UNKNOWN /gb=AB040916	Hs.24106	1	1	0	+		+		+
KIAA1504 protein, partial cds /cds=UNKNOWN /gb=AB040937	Hs.157426	2	2	0					
KIAA1513 protein, partial cds /cds=UNKNOWN /gb=AB040946	Hs.284227	3	3	0	+	+		+	+
KIAA1517 protein	AB040950	1	0	1	+				+
KIAA1533 protein	AB040966	2	0	2	+	+	+	+	+
KIAA1536 protein	AB040969	5	3	2	+	+	+	+	+
KIAA1542 protein, partial cds /cds=UNKNOWN /gb=AB040975	Hs.130541	1	1	0	+	+	+	+	+
KIAA1551 protein	AB046771	2	1	1				+	+
KIAA1554 protein	AB046774	3	1	2	+	+	+	+	+
KIAA1564 protein	AA497071	1	1	0	+	+	+	+	+
KIAA1586 protein	AA969559	2	2	0			+	+	+
KIAA1588 protein	AA220987	1	1	0		+		+	+
KIAA1600 protein, partial cds /cds=UNKNOWN /gb=AB046820	Hs.192619	1	0	1	+	+	+		+
KIAA1601 protein	AB046821	1	0	1	+	+	+		+
KIAA1605 protein	N99124	6	6	0	+	+	+	+	+
KIAA1610 protein	AA361748	2	1	1	+	+	+	+	+
KIAA1632 protein	N78394	1	0	1	+	+	+	+	
KIAA1633 protein	AB046853	1	0	1	+	+	+	+	+
KIAA1643 protein, partial cds /cds=UNKNOWN /gb=AB046863	Hs.247383	1	0	1			+		
KIAA1649 protein	R13931	1	1	0	+	+	+	+	+
KIAA1649 protein,	Hs.348556	2	2	0					
KIAA1663 protein, partial cds /cds=UNKNOWN /gb=AB051450	Hs.4994	1	1	0	+	+	+	+	+
KIAA1673	H71226	3	1	2	+	+	+	+	+
KIAA1690 protein, partial cds /cds=UNKNOWN /gb=AB051477	Hs.280740	1	0	1	+	+			+
KIAA1696 protein (KIAA1696), mRNA	XM_051010.3	1	1	0					
KIAA1703 protein, partial cds /cds=UNKNOWN /gb=AB051490701	Hs.272792	1	0	1	+		+	+	+
KIAA1705 protein	H23031	1	1	0	+		+	+	+
KIAA1715 protein	AA853346	2	2	0	+	+	+	+	+
KIAA1725 protein, partial cds /cds=UNKNOWN /gb=AB051512	Hs.25127	9	6	3	+		+	+	+
KIAA1730 protein, partial cds /cds=UNKNOWN /gb=AB051517	Hs.183745	1	1	0					
KIAA1733 protein	AL008729	2	2	0					
KIAA1738 protein, partial cds /cds=UNKNOWN /gb=AB051525	Hs.16206	1	1	0	+	+	+	+	+
KIAA1744 protein, partial cds /cds=UNKNOWN /gb=AB051531	Hs.18800	3	3	0		+	+	+	+
KIAA1745 protein, partial cds /cds=UNKNOWN /gb=AB051532	Hs.9598	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
KIAA1746 protein, partial cds /cds=UNKNOWN /gb=AB051533	Hs.13526	1	1	0	+	+	+	+	
KIAA1748 protein, partial cds /cds=UNKNOWN /gb=AB051535	Hs.27239	1	1	0	+		+	+	+
KIAA1754 protein, partial cds /cds=UNKNOWN /gb=AB051541	Hs.28501	3	2	1	+	+	+	+	+
KIAA1761 protein, partial cds /cds=UNKNOWN /gb=AB051548	Hs.169577	1	1	0	+	+	+	+	+
KIAA1789 protein, partial cds /cds=UNKNOWN /gb=AB058692	Hs.296317	1	0	1	+	+	+	+	+
KIAA1795 protein	AI826032	1	0	1				+	
KIAA1812 protein, partial cds	AB058715.1	1	0	1				+	+
KIAA1821 protein, partial cds /cds=UNKNOWN /gb=AB058724	Hs.3454	1	0	1	+	+	+	+	+
KIAA1826 protein	Hs.266782	1	0	1	+	+	+		+
KIAA1833 protein	AA776649	1	1	0	+	+			+
KIAA1836 protein	AA465115	1	1	0	+	+	+	+	+
KIAA1840 protein, partial cds /cds=UNKNOWN /gb=AB058743	Hs.288872	2	2	0	+	+		+	+
KIAA1850 protein, partial cds /cds=UNKNOWN /gb=AB058753	Hs.287727	1	1	0	+	+		+	+
KIAA1862 protein, partial cds /cds=UNKNOWN /gb=AB058765	Hs.98306	1	1	0	+	+			+
KIAA1922 protein, partial cds /cds=UNKNOWN /gb=AB067509	Hs.283848	1	0	1					
KIAA1923 protein, partial cds /cds=UNKNOWN /gb=AB067510	Hs.85969	2	2	0	+	+	+	+	+
KIAA1927 protein, partial cds /cds=UNKNOWN /gb=AB067514	Hs.351355	2	1	1	+		+	+	+
KIAA1931 protein, partial cds /cds=UNKNOWN /gb=AB067518	Hs.111279	4	4	0	+	+	+	+	+
KIAA1936 protein, partial cds /cds=UNKNOWN /gb=AB067523	Hs.298850	1	0	1	+	+			
KIAKIAA0553 protein	AF160252	1	0	1					
killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1	U30274	1	1	0					
killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1	L41267	1	1	0					
killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 1	X89892	1	1	0					
killer cell lectin-like receptor subfamily B, member 1	U11276	1	1	0		+	+		
killer cell lectin-like receptor subfamily C, member 3	AJ001685	1	1	0					
killer cell lectin-like receptor subfamily C, member 4	U96846	1	1	0					
kinectin 1 (kinesin receptor)	L25616	2	2	0	+	+	+	+	+
kinesin family member 1C	AB014606	1	0	1	+	+	+		+
kinesin family member 3B	AB002357	1	0	1	+	+	+	+	+
kinesin family member 5B	X65873	2	2	0	+	+	+	+	+
kinesin family member C3, clone MGC:3226 IMAGE:3503847,	Hs.23131	1	1	0	+	+	+	+	+
Kinesin heavy chain member 2	AA429678	1	0	1	+	+	+	+	+
kinesin superfamily protein 1B(KIF1B) mRNA,	Hs.32580	1	0	1					
Kinesin-like 4	NM_007317	2	1	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
kinesin-like 6 (mitotic centromere-associated kinesin)	U63743	1	0	1		+		+	+
kinesin-like protein 2	AJ010479	1	0	1		+		+	
KRAB-associated protein 1	U78773	3	2	1	+	+	+	+	+
Krueppel-related DNA-binding protein (TF12)	M61872	1	1	0					
Kruppel related gene (clone pHKR1RS)	M20675	1	1	0					
Kruppel-like factor 2 (lung)	AF134053	1	0	1	+	+	+	+	+
Kruppel-like factor 4 (gut)	AF105036	1	0	1	+	+		+	+
Kruppel-like factor 7 (ubiquitous)	AA486055	1	1	0	+	+	+	+	+
Kruppel-like factor 8	U28282	1	0	1					
Kruppel-type zinc finger (C2H2)	AB011414	1	1	0	+		+	+	
Ksp37 protein (KSP37),	Hs.98785	3	2	1					+
kynureninase (L-kynurenine hydrolase)	U57721	1	0	1	+		+	+	+
kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) (KMO), mRNA	Hs.107318	1	1	0	+		+	+	
L apoferritin	X03742	4	3	1					
L1 element L1.14 p40 gene	U93566	1	1	0					
L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain	AF001902	3	1	2	+	+	+	+	+
lactate dehydrogenase A	X02152	12	6	6	+	+	+	+	+
lactate dehydrogenase B	Y00711	8	7	1	+	+	+	+	+
lactoferrin	M93150	5	0	5	+		+	+	+
lactoferrin, and ccr2b (ccr2), ccr2a (ccr2), ccr5 (ccr5) and ccr6 (ccr6)	U95626	2	0	2					
lambda-crystallin (LOC51084), mRNA	Hs.108896]	1	1	0	+	+	+	+	+
lamin B receptor mRNA sequence	Hs.152931	3	0	3	+	+	+	+	+
lamin B1	M34458	3	3	0	+	+	+	+	+
laminin binding protein	D28372	2	2	0					
laminin receptor 1 (67kD, ribosomal protein SA)	P08865	31	30	1					
laminin, gamma 1 (formerly LAMB2)	J03202	2	2	0	+	+	+	+	+
laryngeal carcinoma related protein 1 mRNA, complete cds	AF268387.1	1	1	0		+	+	+	+
latent transforming growth factor beta binding protein 1	M34057	2	2	0	+	+	+	+	+
LAZ3/BCL6 (=Z79582;D28522/4)	Z79582	1	1	0					
LBP protein 32	AA368875	1	1	0		+	+	+	+
lecithin-cholesterol acyltransferase	M17959	1	1	0					
lectin P35 (low match)	D63158	1	1	0					
lectin, galactoside-binding, soluble, 1 (galectin 1)	X15256	1	1	0	+	+	+	+	+
lectin, galactoside-binding, soluble, 12 (galectin 12) (LGALS12), mRNA	NM_033101.2	1	1	0				+	
lectin, galactoside-binding, soluble, 2 (galectin 2)	M87842	1	1	0		+	+		
lectin, galactoside-binding, soluble, 3 binding protein (galectin 6 binding protein)	L13210	1	1	0	+	+	+	+	+
Lectin, galactoside-binding, soluble, 8 (galectin 8)	AF074002	5	4	1	+	+	+	+	+
lectin, galactoside-binding, soluble, 9 (galectin 9)	AB006782	1	1	0	+	+	+	+	+
lectin-like NK cell receptor (LLT1), mRNA	Hs.136748	2	1	1	+			+	+
LENG5 protein, clone MGC:3044 IMAGE:3342968, mRNA, complete cds	BC004530.1	1	1	0	+	+	+	+	+
lens epithelium-derived growth factor gene, alternatively spliced, complete cds	AF199339.1	2	2	0					
leptin receptor gene-related protein	AA040627	1	1	0		+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Leptin receptor overlapping transcript-like 1	AA306490	3	3	0	+	+	+	+	+
leucine rich repeat (in FLII) interacting protein 1	AJ223075	19	10	9	+	+	+	+	+
Leucine rich repeat and death domain containing protein	AF274972	1	0	1	+		+	+	+
leucine zipper, putative tumor suppressor 1	AF123653	1	0	1					
Leucine zipper-EF-hand containing transmembrane protein 1	AA524297	1	1	0	+	+	+	+	+
leucine-rich repeat protein, neuronal 3	Hs.3781	1	0	1	+	+			+
Leucine-rich repeat-containing 2	AA369930	1	1	0	+	+	+	+	+
leucyl-tRNA synthetase, mitochondrial	D21851	1	1	0	+	+	+	+	+
leukocyte adhesion protein p150,95 alpha subunit	M29484	1	1	0					
leukocyte immunoglobulin-like receptor 1 (LIR1) gene	AF189277	1	0	1					
leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1	AF025529	8	8	0	+				+
leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2	U82275	4	4	0	+				+
Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2	NM_005874	4	3	1	+			+	+
leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3	AF031553	8	3	5	+		+	+	+
leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4	U91925	4	4	0	+		+	+	+
leukocyte tyrosine kinase	X60702	1	1	0					
leukocyte-associated Ig-like receptor 1	AF013249	4	3	1	+	+	+	+	+
leukotriene A4 hydrolase	J03459	18	8	10	+	+	+	+	+
leupaxin	AF062075	7	6	1	+			+	+
lifeguard	AF190461	1	0	1	+				+
ligase I, DNA, ATP-dependent	M36067	1	1	0	+	+	+	+	+
like mouse brain protein E46(E46L), mRNA	Hs.13493	2	2	0	+	+	+	+	+
Likely homolog of mouse immunity-associated nucleotide 4	AA312249	9	7	2	+		+	+	+
likely ortholog of mouse deleted in polyposis 1	M73547	4	4	0	+	+	+	+	+
likely ortholog of mouse dysbindin (DKFZP564K192), mRNA	XM_051803.2	1	1	0					
Likely ortholog of mouse variant polyadenylation protein CSTF-64	AB014589	1	0	1	+	+	+	+	
Likely ortholog of mouse ZFP289	D53953	3	3	0	+	+	+	+	+
likely ortholog of preimplantation protein 3 (DKFZP564M112), mRNA	Hs.107942	2	1	1	+	+	+	+	+
LIM and senescent cell antigen-like domains 1	U09284	1	0	1			+	+	+
LIM and SH3 protein 1	X82456	5	2	3	+	+	+	+	+
LIM domain kinase 2 (LIMK2)	NM_005569	3	1	2	+	+	+	+	+
LIM domains containing 1	N62156	1	0	1	+		+		+
LINE-1 REVERSE TRANSCRIPTASE HOMOLOG	P08547	1	1	0					
linker for activation of T cells	AJ223280	2	2	0	+	+	+	+	+
lipase A, lysosomal acid, cholesterol esterase (Wolman disease)	M74775	5	5	0	+	+	+	+	+
lipase, hormone-sensitive	L11706	1	1	0					
lipin 1	D80010	2	1	1	+	+	+	+	
lipin 2	D87436	5	4	1	+	+	+	+	+
Lipocalin 2 (oncogene 24p3)	NM_005564	3	2	1		+		+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
lipocalin-interacting protein mRNA, complete cds	AF260728.1	1	1	0	+	+	+		+
Lipopolysaccharide specific response-68 protein	R08998	1	1	0	+	+	+	+	+
LIS1-interacting protein NUDE1, rat homolog (NUDE1),	Hs.263925	3	1	2	+	+	+	+	+
LIS1-interacting protein NUDEL; endooligopeptidase A (NUDEL),	Hs.3850	3	3	0	+	+	+	+	+
LKB1-interacting protein 1 (LIP1) mRNA, complete cds	AF450267.1	1	1	0	+	+	+	+	+
L-kynurenine/alpha-aminoadipate aminotransferase	H12923	3	2	1	+	+	+	+	+
LMP7	L11045	1	1	0					
LOC145551 (LOC145551), mRNA	XM_085168.1	1	1	0					
LOC146036 (LOC146036), mRNA	XM_091154.1	1	1	0					
LOC146593 (LOC146593), mRNA	XM_097034.1	1	1	0					
LOC150271 (LOC150271), mRNA	XM_097859.1	1	1	0					
LOC150451 (LOC150451), mRNA	XM_097903.1	1	1	0					
LOC158118 (LOC158118), mRNA	XM_098876.2	1	1	0					
LOC158747 (LOC158747), mRNA	XM_088656.1	1	1	0					
LOC160162 (LOC160162), mRNA	XM_100696.1	1	1	0					
LOC167645 (LOC167645), mRNA	XM_107070.1	1	1	0					
LOC168246 (LOC168246), mRNA	XM_107622.1	1	1	0					
LON PROTEASE HOMOLOG PRECURSOR, mitochondrial (=S42366	P36777	1	1	0					
low density lipoprotein receptor defect C complementing	Z34975	2	2	0	+	+	+	+	+
low density lipoprotein receptor-related protien 1 precursor (low match 50%)	Q07954	1	1	0					
low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor)	AF058427	3	3	0					
low density lipoprotein-related protein-associated protein 1 (alpha-2-macroglobulin receptor-associated protein 1)	M63959	5	3	2	+	+	+	+	+
low-affinity Fc-gamma receptor IIA	L08107	1	1	0					
low-affinity glucose transporter HXT4, similar to yeast	Z92825	1	1	0					
LOW-DENSITY LIPOPROTEIN RECEPTOR-RELATED PROTEIN 2 PRECURSOR (MEGALIN) (GLYCOPROTEIN 330) (49% aa)	P98164	1	0	1					
L-pipecolic acid oxidase	AA704520	1	1	0					
L-plastin; plastin 2; Lymphocyte cytosolic protein-1 (plasmin)	Hs.381099	1	0	1	+	+	+	+	+
LPS-induced TNF-alpha factor	AF010312	13	10	3					
LR8 protein	H71284	4	2	2	+	+	+	+	+
Lymphocyte adaptor protein	AK025745	2	1	1	+	+		+	+
lymphocyte antigen 117	U00921	1	1	0					
Lymphocyte antigen 6 complex, locus E	AA455807	1	1	0	+	+	+	+	+
lymphocyte antigen 64 (mouse) homolog, radioprotective, 105kD (LY64)	NM_005582	1	0	1	+				+
lymphocyte antigen 75	AF011333	1	1	0				+	+
lymphocyte antigen 9	L42621	2	2	0	+			+	+
lymphocyte cytosolic protein 1 (L-plastin)	L05492	83	61	22					
lymphocyte cytosolic protein 2 (SH2 domain-containing leukocyte protein of 76kD)	U20158	5	5	0		+		+	+
lymphocyte-specific protein 1	M33552	25	20	5	+	+	+	+	+
lymphocyte-specific protein tyrosine kinase	U23852	9	8	1					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
lymphoid blast crisis oncogene	U03634	4	4	0					
lymphoid enhancer factor-1 (LEF1)	AF288571	2	1	1		+	+	+	+
lymphoid-restricted membrane protein	U10485	11	5	6	+	+	+	+	+
lymphoma Homo sapiens cDNA 5' end similar to EST containing Alu repeat	AA361269.1	1	0	1					
lysophospholipase I (LYPLA1), mRNA/cds=(35,727) /gb=NM_006330	Hs.12540	1	1	0	+	+	+	+	+
lysophospholipase II (LYPLA2),	Hs.283655	1	1	0	+	+	+	+	+
lysosomal apyrase-like 1	AB002390	4	3	1	+	+		+	+
LYSOSOMAL PROTECTIVE PROTEIN PRECURSOR (CATHEPSIN A) (CARBOXYPEPTIDASE C)	P10619	1	1	0					
lysosomal-associated membrane protein 1	J04182	1	1	0	+	+	+	+	+
lysosomal-associated membrane protein 2	J04183	1	1	0	+	+	+	+	+
Lysosomal-associated multispinning membrane protein-5	U51240	49	34	15	+	+	+	+	+
lysosomal-associated protein transmembrane 4 alpha (LAPTM4A), mRNA	Hs.111894	3	3	0	+	+	+	+	+
lysozyme (renal amyloidosis)	M21119	64	56	8		+	+	+	+
lysyl-tRNA synthetase	D32053	2	2	0	+	+	+	+	+
M5-14 protein (LOC51300),	Hs.79530	1	0	1	+	+	+	+	+
mab-21 (C. elegans)-like 1	U38810	1	1	0					
macrophage erythroblast attacher	AA102175	1	1	0	+	+	+	+	+
Macrophage migration inhibition factor (MRP-14)	A12029	1	0	1					
macrophage myristoylated alanine-rich C kinase substrate	X70326	1	1	0	+	+	+	+	+
MAD (mothers against decapentaplegic, Drosophila) homolog 4	4885456	1	0	1	+	+	+	+	+
MAD (mothers against decapentaplegic, Drosophila) homolog 7	NM_005904	1	0	1		+	+		+
MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A)	U49020	2	1	1					
MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C)	L08895	2	2	0	+	+	+	+	+
major cytoplasmic tRNA-Val(IAC) (=M33940)	X17516	1	1	0					
major histocompatibility complex, class I, A	M84379	75	70	5	+	+	+	+	+
major histocompatibility complex, class I, B	L32862	214	190	24	+	+	+	+	+
major histocompatibility complex, class I, C	M84174	164	141	23	+	+	+	+	+
major histocompatibility complex, class I, E	M21533	118	109	9					
major histocompatibility complex, class I, F	X17093	7	5	2					
major histocompatibility complex, class II, DM alpha	X76775	1	1	0					
major histocompatibility complex, class II, DM beta	U15085	2	2	0	+	+	+	+	+
major histocompatibility complex, class II, DP beta 1	M57466	10	9	1	+	+	+	+	+
major histocompatibility complex, class II, DQ alpha 1	X00370	4	4	0	+	+	+	+	+
major histocompatibility complex, class II, DQ beta 1	M20432	4	3	1	+	+	+	+	+
major histocompatibility complex, class II, DR alpha	M60334	24	20	4	+	+	+	+	+
major histocompatibility complex, class II, DR beta 1	M14662	6	4	2	+	+	+		+
major histocompatibility complex, class II, DR beta 4	X12544	1	1	0	+	+	+	+	+
major histocompatibility complex, class II, DR beta 5	M26038	10	8	2	+		+	+	+
major histocompatibility locus class III regions	AF109905	1	1	0					
major vault protein	X79882	1	1	0	+		+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
MAJOR VAULT PROTEIN (MVP) (LUNG RESISTANCE-RELATED PROTEIN)	Q14764	1	0	1					
makorin, ring finger protein, 4	U41315	3	3	0					
malate dehydrogenase 1, NAD (soluble)	U20352	5	4	1	+	+	+	+	+
male germ cell-associated kinase	AA059465	1	0	1		+	+		+
male-specific lethal-3 (Drosophila)-like 1 (MSL3L1),	Hs.88764	3	3	0	+	+	+	+	+
malignant cell expression-enhanced gene/tumor progression-enhanced gene	S82470	1	0	1	+	+	+	+	+
malonyl-CoA decarboxylase	AF097832	2	2	0	+	+	+	+	+
Maltase-glucoamylase (alpha-glucosidase)	NM_004668	5	2	3			+		+
mammalian inositol hexakisphosphate kinase 2 (IP6K2),	Hs.323432	3	3	0	+	+	+	+	+
manganese superoxide dismutase gene	S77127	1	0	1					
manic fringe (Drosophila) homolog	U94352	4	4	0	+	+	+		+
mannose phosphate isomerase	X76057	3	3	0	+	+	+	+	+
mannose receptor, C type 1	J05550	1	1	0	+		+	+	+
mannose-6-phosphate receptor (cation dependent)	Hs.134084	7	4	3	+	+	+	+	+
mannose-P-dolichol utilization defect 1	AF038961	1	1	0	+	+	+	+	+
Mannosidase, alpha, class 1A, member 1	NM_005907	1	0	1		+	+	+	+
mannosidase, alpha, class 2A, member 1	D63998	2	2	0				+	
mannosidase, alpha, class 2A, member 2	D55649	1	1	0	+	+	+	+	+
mannosidase, alpha, class 2B, member 1	U60885	1	1	0					
mannosidase, alpha, class 2C, member 1 (MAN2C1),	Hs.26232	1	1	0	+	+	+	+	+
mannosidase, beta A, lysosomal (MANBA) gene, and ubiquitin-conjugating enzyme E2D 3 (UBE2D3) genes, complete cds	AF224669	4	2	2					
mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	M55621	1	1	0	+	+	+	+	+
mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	U15128	3	3	0					
mannosyl-oligosaccharide alpha-1, 2-mannosidase (73% aa)	Z81497	1	0	1					
MAP kinase-interacting serine/threonine kinase 1	AB000409	3	3	0	+	+	+	+	+
MAP/microtubule affinity-regulating kinase 3	U64205	5	5	0	+	+	+	+	+
mastermind (Drosophila), homolog of	D83785	4	1	3	+	+	+	+	+
matrin 3 (MATR3),	Hs.78825	7	5	2	+	+	+	+	+
matrix metalloproteinase 25 (MMP25), transcript variant 1,	Hs.198265	1	0	1	+	+	+		
matrix metalloproteinase 8 (neutrophil collagenase)	J05556	11	0	11					
MAX dimerization protein	AA593970	6	4	2	+	+	+	+	+
MAX protein	X60287	1	1	0	+	+	+	+	+
MaxiK potassium channel beta subunit	AF035046	1	1	0					
MBIP protein	AI869417	2	0	2	+	+	+	+	+
McKusick-Kaufman syndrome	H93736	1	1	0	+	+	+	+	+
MCM6 minichromosome maintenance deficient 6 (MIS5 S. pombe); Mis5; minichromosome maintenance deficient (mis5, S. pombe) 6 mRNA sequence	Hs.155462	2	1	1	+	+	+	+	+
Mediterranean fever	Y14441	2	1	1					
meiotic checkpoint regulator (MCPR),	Hs.40137	1	1	0	+	+	+	+	
Meis (mouse) homolog 3	U68385	1	1	0	+	+	+	+	+
melanoma differentiation associated protein-5	AA135031	1	0	1	+		+		+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
melanoma-associated antigen p97 (melanotransferrin)	M12154	1	1	0	+	+			+
membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen)	M58050	10	7	3	+	+	+	+	+
membrane component, chromosome 17, surface marker 2 (ovarian carcinoma antigen CA125)	X76952	3	3	0	+	+	+	+	+
membrane glycoprotein LIG-1, LRIG1 Leucine-rich repeats and immunoglobulin-like domains 1 complete cds	Hs.4193	1	1	0	+	+	+	+	+
Membrane interacting protein of RGS16	AI147732	1	1	0	+	+	+	+	+
membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)	J03779	3	3	0		+	+	+	+
membrane protein CH1 mRNA sequence	Hs.108636	2	1	1	+	+	+	+	+
membrane protein, palmitoylated 1 (55kD) (MPP1)	NM_002436	5	2	3	+	+	+	+	+
membrane protein-like protein (=U21556)	U21556	1	0	1			+		
membrane-bound aminopeptidase P (XNPEP2) gene, complete cds	AF195953.2	2	2	0					
membrane-bound transcription factor protease, site 1	D42053	1	0	1	+	+	+	+	+
membrane-spanning 4-domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, receptor for; beta polypeptide)	L23415	6	5	1					
membrane-spanning 4-domains, subfamily A, member 3 (hematopoietic cell-specific)	L35848	3	0	3					+
Membrane-spanning 4-domains, subfamily A, member 6A	AA421911	3	2	1	+	+	+	+	+
membrane-spanning 4-domains, subfamily A, member 7 (MS4A7), mRNA	Hs.11090	3	2	1	+	+	+	+	+
MEN1 region clone epsilon/beta mRNA, 3' fragment	2529723	2	0	2					
meningioma expressed antigen 5 (hyaluronidase)	AF036145	8	6	2					
meningioma expressed antigen 6 (coiled-coil proline-rich)	U94780	2	2	0	+	+	+	+	+
Mesenchymal stem cell protein DSC92	AA159859	1	1	0	+	+	+	+	+
mesoderm development candidate 2	D42039	3	2	1	+	+	+	+	+
Mesoderm specific transcript (mouse) homolog	AA305098	1	1	0	+	+	+	+	+
metalloprotease 1 (pitrilysin family)	AF061243	1	1	0	+	+	+	+	+
metallothionein 2A	V00594	1	1	0	+	+	+	+	+
metaxin 1	U46920	2	2	0					
methionine adenosyltransferase alpha subunit	L43509	1	0	1					
methionine adenosyltransferase II, alpha (MAT2A)	NM_005911	4	2	2	+	+	+	+	+
Methionine adenosyltransferase II, beta	AA337811	7	6	1	+	+	+	+	+
methionine aminopeptidase; eIF-2-associated p67	U29607	5	4	1					
Methionine-tRNA synthetase	D84224	1	0	1	+	+	+	+	+
methyl CpG binding protein 2 (Rett syndrome) (MECP2),	Hs.3239	1	1	0	+	+	+	+	+
methyl-CpG binding domain protein 1	Y10746	3	3	0	+	+	+	+	+
Methyl-CpG binding domain protein 4	AA286795	1	1	0	+	+	+	+	+
Methylcrotonoyl-Coenzyme A carboxylase 1 (alpha)	AA989317	2	2	0	+	+	+	+	+
methylene tetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetrahydrofolate cyclohydrolase	X16396	2	1	1	+	+	+	+	+
methylenetetrahydrofolate dehydrogenase (NADP+ dependent), methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase	J04031	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
methylenetetrahydrofolate reductase (MTHFR) gene, exon 11 and 3' UTR, alternatively spliced	AF260233.1	2	2	0					
mevalonate kinase (mevalonic aciduria)	M88468	1	1	0	+		+	+	+
MFH-amplified sequences with leucine-rich tandem repeats 1	AB016816	1	1	0	+				+
MHC (Qa) Q2-k gene for class I antigen	X16515	1	1	0					
MHC class I region	AF055066	2	2	0					
MHC class I (HLA A1, C7, B8, BfS, C4AQ0, C4B1, DR3, DQ2)	L29409	1	1	0					
MHC Class I H13a minor histocompatibility peptide (H13)	AF017785	2	2	0					
MHC class I HLA-A1 chain gene(A1,2; B8,5)	M24043	1	0	1					
MHC class I HLA-B8 chain gene(A1,2; B5,8)	M24036	2	0	2					
MHC class I HLA-J antigen	L56139	1	1	0					
MHC class I polypeptide-related sequence A	L14848	1	1	0	+		+	+	+
MHC class I polypeptide-related sequence B	X91625	1	1	0				+	+
MHC class I region ORF	L06175	4	3	1			+		+
MHC class II DNA Sequence (clone A37G7-1C11)	L18885	1	1	0					
MHC class II HAL-DQ-LTR5 (DQ,w8) DNA fragment, long terminal repeat region	M33842	1	1	0					
MHC class II HLA-DRB1	AF007883	1	1	0					
MHC class II invariant gamma-chain	X03339	1	0	1					
MHC class II lymphocyte antigen (DPw4-alpha-1)	M23903	1	0	1					
MHC class II lymphocyte antigen (DPw4-beta-1)	M23907	1	1	0					
MHC CLASS II TRANSACTIVATOR CIITA (non-exact 57%)	P33076	1	1	0					
MHC HLA-DRw15-Dw2 cell surface glycoprotein	L12926	1	1	0					
microfibrillar-associated protein 1	U04209	1	1	0	+	+	+	+	+
microspherule protein 1	AF015308	1	1	0	+	+	+	+	+
microtubule-associated protein 4	U19727	1	1	0	+	+	+	+	+
microtubule-associated protein 7	X73882	1	1	0	+	+	+	+	+
microtubule-associated protein, RP/EB family, member 1	U24166	5	3	2	+	+	+	+	+
microtubule-associated protein, RP/EB family, member 2	X94232	1	1	0	+	+	+	+	+
microtubule-associated proteins 1A/1B light chain 3 (MAP1A/1BLC3), mRNA	Hs.121849	1	0	1	+	+	+	+	+
microvascular endothelial differentiation gene 1 (MDG1),	Hs.6790	1	1	0	+	+	+	+	+
migration inhibitory factor-related protein 14 variant E (S100A9) gene	AF237582	1	0	1					
MIL1 protein (MIL1), mRNA	XM_032961.2	2	2	0					
minichromosome maintenance deficient (S. cerevisiae) 3	X62153	3	2	1	+	+	+	+	+
minichromosome maintenance deficient (S. cerevisiae) 3-associated protein	AB011144	2	2	0	+	+	+	+	+
minichromosome maintenance deficient (S. cerevisiae) 5 (cell division cycle 46)	X74795	2	2	0	+	+	+	+	+
minor histocompatibility antigen HA-1	D86976	2	2	0	+		+	+	+
MIR-7 mRNA sequence	Hs.385838	1	0	1					
misato (FLJ10504),	Hs.279763	1	1	0	+	+		+	+
mitochondrial cytochrome b (CYTB)	AF042508	13	13	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
mitochondria solute carrier protein (MSCP)	Hs.300496	2	2	0					
mitochondrial 16S rRNA	Z70759	11	11	0					
Mitochondrial Acyl-CoA Thioesterase	AA384507	5	5	0	+	+	+	+	+
mitochondrial ATP synthase subunit 9, P3 gene copy, mRNA, nuclear gene encoding mitochondrial protein	U09813	3	1	2	+	+	+	+	+
mitochondrial carrier homolog 1 (MTCH1), nuclear gene encoding mitochondrial protein,	Hs.279939	1	1	0	+	+	+	+	+
Mitochondrial carrier homolog 2	Hs.279609	3	3	0	+	+	+	+	+
mitochondrial cytochrome c oxidase subunit I	P00395	1	1	0					
mitochondrial cytochrome c oxidase subunit II	X15759	4	4	0					
mitochondrial cytochrome oxidase subunit II	U12694	7	7	0					
mitochondrial DNA loop attachment sequences (clone LAS34)	X89763	1	1	0					
mitochondrial elongation factor G (EFG),	Hs.274543	2	1	1	+	+	+	+	+
mitochondrial genes for several tRNAs (Phe, Val, Leu) and 12S and 16S ribosomal RNAs.	V00710	9	8	1					
mitochondrial genes for tRNA (Phe) and 12S rRNA (fragment)	V00660	3	3	0					
mitochondrial GTP binding protein (GTPBG3),	Hs.334885	1	1	0	+	+		+	+
Mitochondrial import receptor Tom22	AA316462	1	0	1	+	+	+	+	+
mitochondrial loop attachment sequence (clone LAS88)	X89843	1	1	0					
mitochondrial NADH dehydrogenase subunit 2 (ND2)	AF014899	17	15	2					
Mitochondrial ribosomal protein L17	AA320742	1	1	0	+	+	+	+	+
Mitochondrial ribosomal protein L3	AA351627	2	2	0	+	+	+	+	+
mitochondrial ribosomal protein L33	AF047440	2	2	0	+	+	+	+	+
Mitochondrial ribosomal protein L37	AA171584	1	1	0	+	+	+	+	+
mitochondrial ribosomal protein L42 (MRPL42), mRNA	Hs.112110	2	2	0	+	+	+	+	+
mitochondrial ribosomal protein L43	AF086122	1	1	0	+	+	+		+
mitochondrial ribosomal protein L45 (MRPL45),	Hs.19347	1	1	0	+	+		+	+
Mitochondrial ribosomal protein L9	AI338364	1	0	1	+	+	+	+	+
mitochondrial ribosomal protein S14 (MRPS14), nuclear gene encoding mitochondrial protein	Hs.247324	3	3	0	+	+	+	+	+
mitochondrial ribosomal protein S21 (MRPS21), transcript variant 1, nuclear gene encoding mitochondrial protein, mRNA	NM_031901.2	1	1	0	+	+	+	+	+
Mitochondrial ribosomal protein S25	AA346914	2	2	0	+	+	+	+	+
mitochondrial solute carrier (LOC51312)	NM_016612	1	0	1	+	+	+	+	+
mitochondrial translational initiation factor 2	L34600	1	1	0	+	+	+	+	+
mitofusin 2 (MFN2),	Hs.3363	1	1	0	+	+	+	+	+
mitogen inducible 2	Z24725	4	4	0	+	+	+	+	+
mitogen-activated protein kinase 1	AA136252	3	2	1	+	+	+	+	+
mitogen-activated protein kinase 14	L35263	5	1	4	+	+	+	+	+
mitogen-activated protein kinase 6	L77964	1	1	0					
mitogen-activated protein kinase kinase 3	U66839	3	2	1	+	+	+	+	+
Mitogen-activated protein kinase kinase kinase 1	AA361361	1	1	0					
mitogen-activated protein kinase kinase kinase 12	U07358	1	1	0	+	+	+	+	+
mitogen-activated protein kinase kinase kinase 14	Y10256	1	1	0	+	+	+	+	+
mitogen-activated protein kinase kinase kinase 3	U78876	5	5	0	+	+	+	+	+
Mitogen-activated protein kinase kinase kinase 5	NM_005923	4	3	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
mitogen-activated protein kinase kinase kinase 6 (MAP3K6),	Hs.194694	1	1	0	+	+			+
mitogen-activated protein kinase kinase kinase 7	AB009356	1	1	0	+		+	+	+
Mitogen-activated protein kinase kinase kinase 8	AF133211	2	1	1					
mitogen-activated protein kinase kinase kinase kinase 4	AF096300	3	2	1	+	+	+	+	+
mitogen-activated protein kinase kinase kinase kinase 5	5729890	1	0	1	+	+	+		+
mitogen-activated protein kinase phosphatase x; of mouse dual specificity phosphatase LMW-DSP2; JNK-stimulating phosphatase 1	Hs.29106	2	1	1	+	+	+	+	+
mitogen-activated protein kinase-activated protein kinase 2	U12779	1	0	1	+	+	+	+	+
mitogen-activated protein kinase-activated protein kinase 3	U43784	3	2	1	+	+	+	+	+
mitogen-activated protein kinase-activated protein kinase 5	AF032437	1	0	1					
mitogen-responsive phosphoprotein DOC-2	U53446	1	0	1	+	+	+	+	+
MKL1 Megakaryoblastic leukemia (translocation) 1	Hs.31146	2	2	0	+	+	+	+	+
MLL (MLL) gene, exons 1-3, and partial cds	AF036405.1	2	2	0					
MLL septin-like fusion	AA625123	3	3	0	+	+	+	+	+
MLN51 protein	X80199	3	2	1	+	+	+	+	+
MMS19 (MET18 S. cerevisiae)-like	AA227413	1	1	0	+	+	+	+	+
MO25 protein	NM_016289	4	2	2	+	+	+	+	+
modulator of apoptosis 1 (MAP-1), mRNA	XM_017358.3	1	1	0					
moesin	M69066	22	16	6	+	+	+	+	+
Molecule possessing ankyrin repeats induced by lipopolysaccharide (MAIL), homolog of mouse	AA491506	4	3	1		+	+	+	+
monocyte to macrophage differentiation-associated (MMD),	Hs.79889	1	1	0	+	+	+	+	+
MORF-related gene 15 (MRG15),	Hs.6353	12	9	3	+	+	+	+	+
MORF-related gene X	D14812	2	2	0	+	+	+	+	+
mouse double minute 2, human homolog of; p53-binding protein	U33201	2	2	0			+	+	+
Mov10 (Moloney leukemia virus 10, mouse) homolog	AA459627	1	1	0	+	+	+	+	+
M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein)	X98494	5	2	3	+	+	+	+	+
M-phase phosphoprotein 6	X98263	2	1	1		+	+	+	+
MPS1	L20314	1	1	0					
MR2-BN0114-070500-022-a08 BN0114 cDNA	gb BE004941.1	1	1	0					
MRC OX-2, V-like region (=M17227)	X05324	1	1	0					
mRNA for NCA-W272, complete cds	D90064	2	0	2					+
mRNA full length insert cDNA clone EUROIMAGE 209544	AL109720	1	0	1				+	
mRNA; cDNA DKFZp313P0917 (from clone DKFZp313P0917),	Hs.31388	1	0	1					
mRNA; cDNA DKFZp564O0122 (from clone DKFZp564O0122),	Hs.22370	1	0	1	+	+	+	+	+
mRNA; cDNA DKFZp666K083 (from clone DKFZp666K083),	Hs.379036	1	0	1					
mRNA; cDNA DKFZp667P0610 (from clone DKFZp667P0610),	Hs.237868	1	0	1			+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
mRNA; cDNA DKFZp686C032 (from clone DKFZp686C032)	AL832193.1	3	3	0					
mRNA; cDNA DKFZp761J1112 (from clone DKFZp761J1112),	Hs.50115	1	0	1				+	+
MRS2 (S. cerevisiae)-like, magnesium homeostasis factor	AA719712	1	0	1	+	+	+	+	+
MSH55 gene, partial cds; and CLIC1, DDAH, G6b, G6c, G5b, G6d, G6e, G6f, BAT5, G5b, CSK2B, BAT4, G4, Apo M, BAT3, BAT2, AIF-1, 1C7, LST-1, LTB, TNF, and LTA genes, complete cds	AF129756.1	2	1	1					
multifunctional polypeptide similar to SAICAR synthetase and AIR carboxylase (ADE2H1)	NM_006452	2	1	1	+	+	+	+	+
multiple inositol polyphosphate histidine phosphatase, 1	AF084944	1	1	0	+	+	+	+	+
MUM2 protein	R71153	4	3	1	+	+	+	+	+
murine leukemia viral (bmi-1) oncogene homolog	L13689	1	1	0	+	+	+	+	+
muscleblind (Drosophila)-like	Y13829	14	13	1	+	+	+	+	+
muskelin 1, intracellular mediator containing kelch motifs (MKLN1),	Hs.288791	2	0	2	+	+		+	+
mutated in colorectal cancers	M62397	1	1	0		+	+	+	+
mutS (E. coli) homolog 5	AF034759	1	1	0	+	+	+	+	+
MYB binding protein (P160) 1a (MYBBP1A),	Hs.22824	3	1	2	+	+	+		+
MYC-associated zinc finger protein (purine-binding transcription factor)	M94046	1	0	1	+	+	+	+	+
myeloid cell leukemia sequence 1 (BCL2-related)	L08246	17	9	8	+	+	+	+	+
myeloid cell nuclear differentiation antigen	M81750	44	18	26	+		+		+
myeloid differentiation primary response gene (88) (MYD88)	NM_002468	10	6	4	+	+		+	+
myeloid leukemia factor 2	U57342	4	3	1	+		+	+	+
myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog)	AF036405	7	5	2					
myeloid/lymphoid or mixed-lineage leukemia 2	Y08836	4	3	1	+	+	+	+	+
myeloperoxidase	M19507	5	0	5	+		+	+	+
MYG1 protein	H06750	1	1	0	+	+	+	+	+
myomegalin	AB007923	1	0	1	+	+	+	+	+
myomesin (M-protein) 2 (165kD)	X69089	1	1	0	+	+	+	+	+
myoneurin gene, 3' UTR	AF349562.1	1	1	0					
myosin IB	X98507	1	1	0	+	+	+	+	+
myosin IE	X98411	14	13	1	+		+		+
myosin phosphatase, target subunit 1	D87930	5	3	2	+	+	+	+	+
myosin regulatory light chain interacting protein, clone MGC:4180 IMAGE:3638617, mRNA, complete cds	BC002860.1	2	2	0	+	+	+	+	+
myosin VIIA (Usher syndrome 1B (autosomal recessive, severe))	U55208	1	1	0	+		+	+	+
myosin, heavy polypeptide 9, non-muscle	M31013	11	7	4	+	+	+	+	+
myosin, light polypeptide 6, alkali, smooth muscle and non-muscle	M22918	8	3	5	+	+	+	+	+
myosin, light polypeptide kinase	U48959	1	1	0	+	+		+	+
myosin, light polypeptide, regulatory, non-sarcomeric (20kD)	X54304	13	8	5	+	+	+	+	+
myotubular myopathy 1	U46024	2	0	2	+	+	+	+	+
myotubularin related protein 3 (MTMR3),	Hs.63302	3	0	3	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
myotubularin related protein 6 mRNA, partial cds /cds=UNKNOWN /gb=AF072928	Hs.79877	1	1	0	+	+	+	+	+
myotubularin-related protein 1a mRNA,	Hs.347187	1	1	0	+	+	+	+	+
MYPT1 gene for myosin phosphatase target subunit 1, promoter and 5' flanking region, partial cds	AB042196.1	1	0	1					
Myristoylated alanine-rich protein kinase C substrate (MARCKS, 80K-L)	NM_002356	3	1	2	+	+	+	+	+
myxovirus (influenza) resistance 1, homolog of murine (interferon-inducible protein p78)	M30817	2	2	0	+	+	+	+	+
myxovirus (influenza) resistance 2, homolog of murine	M33883	8	5	3	+	+		+	+
N-acetylgalactosaminidase, alpha-	M59199	3	2	1					
N-Acetylglucosamine kinase	AK001812	2	1	1	+	+	+	+	+
N-acetylglucosamine-phosphate mutase (AGM1), mRNA	XM_028229.1	1	1	0					
N-acetylneuraminic acid phosphate synthase; sialic acid synthase (SAS) (SAS)	NM_018946	2	1	1	+	+	+	+	+
N-acylaminoacyl-peptide hydrolase	D38441	3	2	1	+	+	+	+	+
N-acylsphingosine amidohydrolase (acid ceramidase)	NM_004315	18	15	3	+	+	+	+	+
NAD kinase	Hs.220324	15	11	14	+	+	+	+	+
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1; NADH:ubiquinone oxidoreductase (complex 1); NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1 (7.5kD, MWFE); type I dehydrogenase	Hs.74823	1	0	1	+	+	+	+	+
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10 (42kD) (NDUFA10),	Hs.198271	2	2	0	+		+	+	+
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4 (9kD, MLRQ)	Hs.50098	2	0	2	+	+	+	+	+
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5 (13kD, B13)	U53468	1	1	0	+	+	+	+	+
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9 (39kD)	AF050641	1	0	1	+	+	+	+	+
NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4 (15kD, B15)	AA640120	1	1	0	+	+	+	+	+
NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5 (16kD, SGD1)	AF047181	1	1	0	+	+	+	+	+
NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1 (8kD, SDAP) (NDUFAB1),	Hs.5556	1	1	0	+	+	+	+	+
NADH dehydrogenase (ubiquinone) Fe-S protein 1 (75kD) (NADH-coenzyme Q reductase)	X61100	1	0	1	+	+	+	+	+
NADH dehydrogenase (ubiquinone) Fe-S protein 2 (49kD) (NADH-coenzyme Q reductase)	AF050640	2	2	0	+	+	+	+	+
NADH dehydrogenase (ubiquinone) Fe-S protein 5 (15kD) (NADH-coenzyme Q reductase)(NDUFS5),	Hs.80595	1	1	0					
NADH dehydrogenase (ubiquinone) flavoprotein 1 (51kD)	AF053070	2	2	0	+	+	+	+	+
NADH dehydrogenase (ubiquinone) flavoprotein 2 (24kD)	M22538	1	1	0	+	+	+	+	+
NADH dehydrogenase (ubiquinone)Fe-S protein 3 (30kD) (NADH-coenzyme Q reductase)(NDUFS3),	Hs.5273	1	1	0					
NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 1	P03886	1	1	0					
NADPH oxidase 4 (NOX4),	Hs.93847	1	1	0	+	+	+		+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
NADPH oxidase-related, C2 domain-containing protein (JFC1),	Hs.25895	2	2	0	+		+	+	+
NAG14 protein (NAG14), mRNA	Hs.108681	2	2	0	+	+	+		+
NAG-5 protein	R14233	4	3	1	+	+		+	+
nardilysin (N-arginine dibasic convertase)	U64898	2	2	0	+	+	+	+	+
nascent-polypeptide-associated complex alpha polypeptide	X80909	8	5	3	+	+	+	+	+
Nasopharyngeal carcinoma susceptibility protein	AA312702	1	1	0		+	+	+	+
natural killer cell group 7 sequence	U09608	9	9	0					
natural killer cell transcript 4	M59807	3	3	0		+	+	+	+
natural killer-tumor recognition sequence	L04288	3	2	1	+	+	+	+	+
NCK adaptor protein 2	AF047487	1	1	0	+	+	+	+	+
ncx1 gene (exon 12)	X91647	1	0	1					
N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2	AF042084	2	2	0					
NDUFA2 gene	Y16003	1	0	1					
NDUFV3 gene for mitochondrial NADH-Ubiquinone oxidoreductase	AB038163	1	0	1					
Nedd-4-like ubiquitin-protein ligase	U96114	3	2	1	+		+	+	+
Nedd-4-like ubiquitin-protein ligase WWP1	U96113	2	1	1	+	+	+	+	+
Nef associated protein 1	AA448716	1	1	0	+		+	+	+
nel (chicken)-like 2	D83018	3	3	0	+		+		+
nesca protein (NESCA),	Hs.226499	1	1	0	+	+	+	+	+
N-ethylmaleimide-sensitive factor attachment protein, alpha	U39412	2	2	0	+	+	+	+	+
N-ethylmaleimide-sensitive factor attachment protein, gamma	U78107	1	1	0	+	+	+	+	+
NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc-alpha-2, 6-sialyltransferase alpha2,6-sialyltransferase (ST6GALNACIV),	Hs.3972	1	1	0	+	+	+	+	+
neural precursor cell expressed, developmentally down-regulated 5	D28540	5	3	2	+	+	+	+	+
neural precursor cell expressed, developmentally down-regulated 8	D23662	1	1	0	+	+	+	+	+
neuregulin 1	U02330	2	2	0	+		+	+	+
neuroblastoma-amplified protein (LOC51594), mRNA	Hs.15430	1	1	0	+	+	+	+	+
Neurocalcin delta	AA336464	1	1	0	+	+	+	+	+
neuronal cell adhesion molecule	AB002341	1	1	0	+	+	+		+
neuronal protein 17.3 (P17.3), mRNA	Hs.111497	1	1	0					
neuropathy target esterase	AJ004832	2	2	0	+	+	+	+	+
neuropeptide Y3 receptor, 5'UTR (low score)	D28433	1	1	0					
neuroplasma apoptosis-related RNA-binding protein (CUGBP2) gene, exon 4	AF295065.1	1	1	0					
neuroplasma apoptosis-related RNA-binding protein (CUGBP2) gene, exons 10, 11a, 11b, 12, 13a, 13b, 14, and complete cds, alternatively spliced	AF314199S7	3	2	1					
neuroplasma apoptosis-related RNA-binding protein (CUGBP2) gene, exons 5, 6, 7, and 8	AF295066.1	2	1	1					
neurotrophic tyrosine kinase, receptor, type 1	X03541	14	12	2					
neutrophil cytosolic factor 1 (47kD, chronic granulomatous disease, autosomal 1)	M25665	4	4	0	+		+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2)	M32011	27	19	8	+		+	+	+
neutrophil cytosolic factor 4 (40kD)	X77094	7	3	4					
neutrophil peptide-3 gene	L12691	2	0	2					
NF2 protein	S73853	1	1	0					
NG31	AF129756	1	1	0					
NGFI-A binding protein 1 (ERG1 binding protein 1)	U47007	2	0	2	+	+	+	+	+
Niban protein	AA774672	7	6	1	+	+	+	+	+
nibrin (NBS)	AF051334	2	1	1	+	+	+	+	+
nicastatin	D87442	6	5	1	+	+	+	+	+
NICE-5 protein (HSA243666), mRNA	XM_036849.2	1	0	1					
nicotinamide nucleotide transhydrogenase	U40490	1	1	0	+	+	+	+	+
Niemann-Pick disease C1 protein (NPC1) gene, complete cds	AF338230	1	1	0					
Niemann-Pick disease, type C1	AF002020	1	1	0	+	+	+	+	+
Niemann-Pick disease, type C2 gene	X67698	1	0	1	+	+	+	+	+
NifS, FeS cluster formation protein	AE000705	1	1	0					
NIMA (never in mitosis gene a)-related kinase 6, clone MGC:4434 IMAGE:2958695, mRNA, complete cds	BC004209.1	1	1	0	+	+	+	+	+
Ninein (GSK3B interacting protein)	H72575	2	2	0	+	+	+	+	+
ninjurin 1	U72661	1	1	0	+	+	+	+	+
nitrilase 1	AF069987	1	1	0	+	+	+	+	+
nitrogen fixation cluster-like	U47101	2	1	1	+	+	+	+	+
NMDA receptor glutamate-binding chain (hnrgw)	U44954	1	0	1					
N-myc (and STAT) interactor	U32849	1	1	0	+		+	+	+
N-myristoyltransferase 1(NMT1)	NM_021079	4	2	2	+	+	+	+	+
NOD2 gene for LRR-containing protein, exons 1-11	AJ303140.1	1	1	0					
nonfunctional GM3 synthase mRNA, alternatively spliced, complete sequence	AF119418	1	1	0	+	+	+	+	+
non-hepatic methionine adenosyltransferase	AF039088	1	0	1					
non-histone chromosome protein 2 (S. cerevisiae)-like 1	AF091076	2	2	0	+	+	+	+	+
non-muscle (fibroblast) tropomyosin	BC017195.1	1	1	0					
non-neuronal enolase (EC 4.2.1.11)	X16289	1	1	0					
non-POU-domain-containing, octamer-binding	U02493	15	12	3	+	+	+	+	+
Notch (Drosophila) homolog 2 (NOTCH2),	Hs.8121	2	2	0	+	+	+	+	+
notch group protein (N)	M99437	4	4	0					
Novel human gene mapping to chromosome 20	N24991	2	2	0	+	+	+	+	+
novel protein	X99961	1	1	0	+			+	+
novel protein with IBR domain	CAB92088	1	0	1					
novel putative protein similar to YIL091C yeast hypothetical 84 kD protein from SGA1-KTR7 (DJ434O14.5),	Hs.194754	1	1	0		+	+	+	+
Novel sulphate transporter family member	CAB99354	1	0	1					
NP220 nuclear protein	D83032	2	1	1	+	+	+	+	+
NPD007 protein, clone MGC:11297 IMAGE:3947793, mRNA, complete cds	BC006234.1	2	2	0	+	+	+	+	+
Npw38-binding protein NpwBP	AA227847	1	1	0	+		+	+	+
N-ras protein NRU	A60196	1	1	0					
NRAS-related gene	AF077054	21	18	3	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Nrf2=NF-E2-like basic leucine zipper transcriptional activator	S74017	1	1	0	+	+	+	+	+
NS1-associated protein 1	AA683484	2	1	1	+	+	+	+	+
NS1-binding protein(NS1-BP)	NM_016389	1	0	1					
NS1-binding protein; likely ortholog of mouse kelch family protein Nd1	Hs.197298	2	1	1	+	+	+	+	+
N-sulphoglucosamine sulphohydrolase	U60111	1	1	0					
nuclear antigen Sp100	M60618	7	7	0	+	+	+	+	+
nuclear autoantigen; cell cycle S/G2 nuclear autoantigen mRNA sequence	Hs.183105	2	1	1	+	+	+	+	+
nuclear autoantigenic sperm protein (histone-binding)	M97856	2	1	1	+	+	+	+	+
nuclear body protein Sp140	U36500	1	1	0				+	+
nuclear distribution gene C(A.nidulans) homolog (NUDC),	Hs.263812	4	4	0	+	+	+	+	+
nuclear domain 10 protein	U22897	8	7	1	+	+	+	+	+
nuclear factor (erythroid-derived 2), 45kD	L13974	4	0	4	+	+		+	+
nuclear factor of activated T-cells, cytoplasmic 2 (NFATC2)	NM_012340	1	0	1					+
nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)	M58603	2	2	0	+	+	+	+	+
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	M69043	5	3	2	+	+	+	+	+
nuclear factor related to kappa.B binding protein	U08191	1	1	0					
nuclear LIM interactor-interacting factor (NLI-IF),	Hs.283724	1	1	0	+	+	+	+	+
nuclear localization signal deleted in velocardiofacial syndrome (NLVCF), mRNA	XM_009836.5	1	1	0					
nuclear mitotic apparatus protein 1 (NUMA1)	NM_006185	5	4	1	+	+	+	+	+
nuclear pore complex interacting protein (NPIP),	Hs.251928	2	1	1	+	+	+	+	+
nuclear pore complex protein(NUP107),	Hs.236204	5	3	2				+	+
nuclear prelamin A recognition factor	AF128406	2	1	1	+	+	+	+	+
nuclear protein double minute 1(MDM1), mRNA	Hs.156163	1	1	0					
nuclear protein, ataxia-telangiectasia locus	U82828	1	1	0					
nuclear receptor binding factor-2(NRBF-2),	Hs.27181	7	4	3	+	+	+	+	+
Nuclear receptor binding protein	AA160313	4	3	1	+	+	+	+	+
Nuclear receptor coactivator 2	AA284434	2	1	1	+	+	+	+	+
nuclear receptor coactivator 3	AF036892	4	3	1	+	+	+	+	+
nuclear receptor coactivator 4; RET-activating gene ELE1	Hs.99908	33	27	6	+	+	+	+	+
nuclear receptor coactivator RAP250; peroxisome proliferator-activated receptor interacting protein; thyroid hormone receptor binding protein	D80003	1	1	0	+	+	+	+	+
nuclear receptor co-repressor 1(NCOR1), mRNA	Hs.144904	2	2	0	+	+	+	+	+
Nuclear receptor co-repressor 2	AI124795	9	7	2	+	+	+	+	+
Nuclear receptor co-repressor/HDAC3 complex subunit	AA461360	2	2	0	+	+	+	+	+
nuclear receptor subfamily 1, group H, member 2	U07132	2	2	0	+	+	+		+
nuclear receptor subfamily 1, group I, member 3	M97168	4	3	1					
nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor); Glucocorticoid receptor, lymphocyte; glucocorticoid receptor; nuclear receptor subfamily 3, group C, member 1	Hs.75772	4	3	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
nuclear receptor subfamily 3, group C, member 2	M16801	3	3	0	+		+	+	+
nuclear receptor subfamily 4, group A, member 1	D85245	1	1	0	+	+	+	+	+
nuclear respiratory factor 1	U02683	1	1	0	+	+	+		+
nuclear RNA export factor 1 (NXF1),	Hs.323502	1	1	0	+	+	+	+	+
nuclear RNA helicase, DECD variant of DEAD box family	U90426	4	4	0	+	+	+	+	+
nuclear transcription factor Y, alpha	X59711	3	2	1	+	+			+
nuclear transcription factor Y, gamma	D85425	1	0	1	+	+	+	+	+
Nuclear transcription factor, X-box binding 1	AA343788	4	4	0	+	+		+	+
nuclear transport factor 2 (placental protein 15)	X07315	1	1	0	+	+	+	+	+
nuclease sensitive element binding protein 1	M24070	3	2	1	+	+	+	+	+
nucleobindin 1	M96824	5	5	0	+	+	+	+	+
nucleolar and coiled-body phosphoprotein 1	Z34289	1	1	0	+	+	+	+	+
Nucleolar cysteine-rich protein	H82458	4	3	1			+		+
nucleolar GTPase	L05425	4	4	0	+	+	+	+	+
nucleolar protein (KKE/D repeat)	Y12065	3	3	0	+	+	+	+	+
Nucleolar protein 1 (120kD)	M32110	5	2	3	+	+		+	+
nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs) (NOLA2),	Hs.23990	1	0	1	+	+	+	+	+
Nucleolar protein NOP5/NOP58	AA375315	1	1	0			+	+	+
nucleolar protein p40; homolog of yeast EBNA1-binding protein	U86602	1	1	0	+	+	+	+	+
nucleolin	M60858	3	2	1					
nucleophosmin (nucleolar phosphoprotein B23, numatrin)	U41742	24	19	5	+		+	+	+
nucleoporin 153kD	Z25535	1	1	0	+	+	+	+	+
nucleoporin 214kD (CAIN)	4826873	3	2	1	+	+	+	+	+
Nucleoporin 50kD	AA961233	3	1	2	+	+	+	+	+
nucleoporin 62kD	X58521	1	1	0	+	+	+	+	+
nucleoporin 98kD	U41815	3	1	2	+	+	+	+	+
Nucleoporin p54	AA292186	2	2	0	+	+		+	+
nucleosome assembly protein	D28430	9	4	5	+	+	+	+	+
nucleosome assembly protein 1-like 4	U77456	3	3	0	+	+	+	+	+
nudix (nucleoside diphosphate linked moiety X)-type motif 3	AF062529	2	2	0	+	+	+	+	+
Nudix (nucleoside diphosphate linked moiety X)-type motif 4	AF191653	1	0	1	+	+	+	+	+
numb (Drosophila) homolog	AF171941	2	1	1	+	+	+	+	+
NY-REN-45 antigen	XP_034838.1	2	1	1					
NY-REN-58 antigen (LOC51134),	Hs.56148	1	1	0	+	+	+	+	+
obscurin (OBSCN gene) /cds=DKFZp666E245(71,19933)	Hs.118837	1	1	0	+	+	+		+
okadaic acid-inducible and cAMP-regulated phosphoprotein 19 (ARPP-19)	Hs.7351	1	1	0	+	+	+	+	+
olfactory receptor (OR7-141)	U86281	1	1	0					
OLFACTORY RECEPTOR-LIKE PROTEIN HGMP07E (OR17-4) (non-exact 65%)	P34982	1	1	0					
oligodendrocyte myelin glycoprotein	L05367	11	8	3					
O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	NM_003605	6	2	4	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
oncogene tyrosine protein kinase receptor (trk4) (low match)	M55337	1	1	0	+				
Opa-interacting protein 2	H30501	1	1	0	+	+	+	+	+
optic atrophy 1 (autosomal dominant)	AB011139	1	1	0	+	+	+	+	+
oral-facial-digital syndrome 1	Y15164	2	2	0	+	+	+	+	+
ORF (LOC51035)	NM_015853	2	1	1	+	+	+	+	+
ORF1; MER37; putative transposase similar to pogo element Length = 454	U49973	1	1	0					
Organic cation transporter	H20588	1	1	0	+	+	+		+
origin recognition complex, subunit 2 (yeast homolog)-like	U40268	2	2	0		+	+	+	+
origin recognition complex, subunit 4 (yeast homolog)-like	AF022108	1	1	0	+	+	+	+	+
Ornithine aminotransferase (gyrate atrophy)	NM_000274	3	2	1	+	+	+	+	+
ornithine decarboxylase 1	M20372	2	1	1	+	+	+	+	+
ornithine decarboxylase antizyme	D87914	15	14	1	+	+	+	+	+
ornithine decarboxylase antizyme 1	D89870	1	1	0					
ornithine decarboxylase antizyme 2 (OAZ2),	Hs.74563	2	2	0	+	+	+	+	+
osteoclast stimulating factor 1	U63717	1	0	1	+	+	+		+
outer dense fibre of sperm tails 2	AF012549	2	0	2	+		+	+	+
outer membrane receptor Tom20 (TOM20) gene, exon 5 and complete cds; nuclear gene encoding mitochondrial protein	AF126962	1	0	1					
Ovarian carcinoma immunoreactive antigen	AI929089	2	0	2	+	+	+	+	+
oviductal glycoprotein 1, 120kD (mucin 9, oviductin)	U09550	1	1	0	+	+	+	+	+
oxidase (cytochrome c) assembly 1-like	AJ001981	5	4	1					
Oxidative-stress responsive 1	AA369946	1	1	0	+	+	+	+	+
oxidised low density lipoprotein (lectin-like) receptor 1 (OLR1)	NM_002543	1	0	1	+		+	+	+
Oxidoreductase UCPA	AA344941	1	1	0	+	+	+	+	+
oxoglutarate dehydrogenase (lipoamide)	D10523	4	4	0	+	+	+	+	+
oxygen regulated protein (150kD)	U65785	1	0	1	+	+	+	+	+
oxysterol binding protein	M86917	1	1	0	+	+	+	+	+
oxysterol-binding protein-like 2 (OSBPL2), mRNA	Hs.15519	3	2	1	+	+	+	+	+
oxysterol-binding protein-like protein 8; oxysterol-binding protein-related protein 8; OSBP-related protein 8 mRNA sequence	Hs.109694	2	1	1	+	+	+	+	+
oxysterol-binding protein-like protein OSBPL7 (OSBPL7) mRNA, complete cds	AF392446.1	1	1	0	+	+	+		+
p150, putative (=M22332 unknown protein)	U93574	1	1	0					
P21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related)	NM_002576	3	2	1	+	+	+	+	+
P2X4 purinoceptor gene	AF191093	1	0	1					
p33, putative	CAA25192	1	0	1					
P35-related protein (= S80990 ficolin)	S80990	1	1	0					
p40 (non-exact 80%) (=M80344;I38587)	U93572	2	2	0					
p53 inducible protein	AF160973	6	5	1	+	+	+	+	+
p53 target protein in deacetylase complex (PID)	AF295807	1	0	1	+		+	+	+
p53-induced protein	AF010315	1	1	0	+	+	+	+	+
p80 protein	D45915	1	0	1		+		+	+
PABP-interacting protein 2	AA081656	6	6	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein)	X04329	1	1	0					
Paired immunoglobulin-like receptor beta	AA465618	1	1	0	+	+	+	+	+
PAK1 P21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast)	Hs.62402	1	1	0					
PAK2 mRNA	Hs.284275	1	1	0	+	+	+	+	+
PAK-interacting exchange factor beta	D63476	2	2	0	+	+	+	+	+
Pallid (mouse) homolog, pallidin	AA206618	1	1	0		+		+	+
palmitoyl-protein thioesterase 1 (ceroid-lipofuscinosis, neuronal 1, infantile)	U44772	17	11	6	+	+	+	+	+
palmitoyl-protein thioesterase 2	AF020544	1	1	0	+	+	+	+	+
pannexin 1 (PANX1) gene, exons 3, 4, 5, and complete cds	AF398508.1	1	0	1					
papillary renal cell carcinoma (translocation-associated)	X99720	1	1	0					
papillomavirus regulatory factor PRF-1	AK002050	2	1	1	+	+	+	+	+
paraneoplastic antigen MA1 (PNMA1),	Hs.194709	1	1	0	+		+	+	+
partial CD52 gene (exon 1) and promoter region	AJ132359.1	1	1	0					
partial mRNA for phosphatase, orphan 1 (phospho1 gene)	AJ457189.1	1	1	0			+	+	
partial RAI1 gene for retinoid-acid induced protein 1, exons 1-7	AJ271791.1	1	1	0					
partial RANBP7 gene for RanBP7/importin7 and partial ZNF143 gene	AJ295844.1	1	1	0					
partial TCF-4 gene for T-cell transcription factor-4, exon 17	AJ270778.1	1	1	0					
partial TCF-4 gene for T-cell transcription factor-4, exons 6-11	AJ270774.1	1	0	1					
partial TUB gene for tubby (mouse) homolog and LMO1 gene for LIM domain only 1 protein	AJ277662.1	1	1	0					
partner of RAC1 (arap12)	AA083199	1	1	0	+	+	+	+	+
PAX3/forkhead transcription factor gene fusion	U02368	1	1	0					
paxillin	U14588	4	4	0	+	+	+	+	+
PBX/knotted 1 homeobox 1	Y13613	1	0	1	+	+	+	+	+
PC3-96 protein	AA446675	5	4	1	+	+	+	+	+
PCF11p homolog	AB020631	1	1	0	+	+	+	+	+
PCL3198 Myeloma (PCL) cDNA library H.sapiens cDNA	gb BF171680.1	1	1	0					
PCTAIRE protein kinase 2	X66360	1	1	0	+		+	+	+
PDGFA associated protein 1	U41745	1	1	0	+	+	+	+	+
PDZ domain protein (Drosophila inaD-like)	AJ224747	1	1	0			+	+	+
PEBP2aC Runt domain encoding gene (=Z35728)	Z38108	1	1	0					
Pellino (Drosophila) homolog 2	AA315244	1	1	0		+	+	+	+
Pelota (Drosophila) homolog	AA314478	2	1	1	+	+	+	+	+
peptidase D	J04605	1	1	0	+	+	+	+	+
Peptide:N-glycanase similar to yeast PNG1	AA383590	2	2	0	+	+	+	+	+
peptidoglycan recognition protein	AF076483	1	0	1					
peptidyl arginine deiminase, type V	AB017919	8	4	4	+		+	+	+
peptidylglycine alpha-amidating monooxygenase	M37721	1	1	0	+	+	+	+	+
peptidylprolyl isomerase A (cyclophilin A)	X52851	7	5	2					
peptidylprolyl isomerase B (cyclophilin B)	M60857	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
peptidylprolyl isomerase D (cyclophilin D)	L11667	3	3	0	+	+	+	+	+
peptidylprolyl isomerase E (cyclophilin E)	AF042386	1	1	0	+	+	+	+	+
PERB11.1 (=U56942 MHC class I chain-related protein A)	U69630	1	1	0					
perforin 1 (pore forming protein)	M28393	14	14	0	+				+
period (Drosophila) homolog 3 (PER3), mRNA	Hs.12592	1	1	0	+	+	+	+	+
PERIODIC TRYPTOPHAN PROTEIN 2 HOMOLOGUE	Q15269	1	0	1					
peroxiredoxin 1	X67951	4	4	0	+	+	+	+	+
peroxiredoxin 3; antioxidant protein 1; thioredoxin-dependent peroxide reductase precursor	Hs.75454	2	0	2	+	+	+	+	+
peroxisomal acyl-CoA thioesterase	X86032	2	2	0	+	+	+	+	+
peroxisomal acyl-CoA thioesterase 1 (PTE1),	Hs.283476	1	1	0					
peroxisomal biogenesis factor 11B(PEX11B),	Hs.83023	2	2	0					
Peroxisomal biogenesis factor 14	H16035	1	1	0	+	+	+	+	+
peroxisomal farnesylated protein (PXF)	NM_002857	2	1	1	+	+	+	+	+
Peroxisomal short-chain alcohol dehydrogenase	AA306873	1	1	0	+	+	+	+	+
peroxisome assembly factor-2 (PEX6) gene, exons 4 through 17 and complete cds	AF108098.1	1	0	1					
peroxisome biogenesis factor 1	AF026086	1	1	0	+	+	+	+	+
peroxisome biogenesis factor 13	U71374	1	1	0		+	+	+	+
peroxisome proliferative activated receptor, gamma	D83233	1	1	0	+	+	+	+	+
peroxisome receptor 1	Z48054	1	0	1	+	+	+	+	+
PEST-containing nuclear protein	Hs.71618	2	0	2	+	+	+	+	+
PFTAIRE protein kinase 1	NM_012395	1	0	1	+	+	+	+	+
PH domain containing protein in retina 1	AA873143	2	2	0	+	+	+	+	+
Phenylalanine hydroxylase	AI348366	1	1	0					
phenylalanine-tRNA synthetase-like	4758339	1	0	1	+	+	+	+	+
phenylalkylamine binding protein gene, complete cds; MG81 protein gene, partial cds; putative RNA-binding protein 3 RNPL gene, complete cds; and MG21 pseudogene, complete sequence	AF196969.1	2	2	0					
phorbol-12-myristate-13-acetate-induced protein 1	D90070	1	1	0	+	+	+	+	+
phorbolin (similar to apolipoprotein B mRNA editing protein)	U03891	2	0	2	+				
Phorbolin-like protein MDS019	AA442560	1	1	0	+	+	+	+	+
phosducin-like (PDCL),	Hs.9302	1	1	0		+	+	+	+
phosphate cytidylyltransferase 1, choline, alpha isoform	L28957	1	1	0		+		+	+
PHOSPHATIDATE CYTIDYLYLTRANSFERASE (CDP-DIGLYCERIDE)	Q92903	1	1	0					
Phosphatidic acid phosphatase type 2A	AI061185	1	1	0	+	+	+	+	+
Phosphatidylinositol 4-kinase, catalytic, alpha polypeptide (PIK4CA)	XM_000755	2	1	1					
phosphatidylinositol 4-kinase, catalytic, beta polypeptide	AJ011123	6	4	2	+	+	+	+	+
phosphatidylinositol binding clathrin assembly protein	U45976	4	4	0	+	+	+	+	+
phosphatidylinositol glycan, class B (PIGB), mRNA	NM_004855.2	1	1	0	+		+		+
Phosphatidylinositol glycan, class F	H89174	2	1	1	+	+	+	+	+
phosphatidylinositol glycan, class H	L19783	1	1	0	+	+	+	+	+
phosphatidylinositol transfer protein, membrane-associated	X98654	3	3	0	+		+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
phosphatidylinositol-4-phosphate 5-kinase, type II, alpha	S78798	2	2	0			+	+	+
phosphatidylinositol-4-phosphate 5-kinase, type II, beta	U85245	4	3	1	+	+	+	+	+
phosphatidylserine decarboxylase(PISD),	Hs.8128	1	1	0	+	+	+	+	+
phosphatidylserine synthase 1	P48651	3	3	0					
phosphodiesterase 1B, calmodulin-dependent	U56976	1	1	0	+				
phosphodiesterase 4A, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E2) (PDE4A),	Hs.89901	1	1	0	+	+			+
Phosphodiesterase 4B, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E4)	L12686	2	1	1	+	+		+	+
phosphodiesterase 7A	U67932	4	1	3		+	+	+	+
phosphoglucomutase 1(PGM1)	NM_002633	4	2	2	+	+	+	+	+
phosphogluconate dehydrogenase	U30255	5	3	2	+	+	+	+	+
phosphoglycerate dehydrogenase	AF006043	1	1	0					
phosphoglycerate kinase 1	V00572	22	16	6	+	+	+	+	+
phosphoglycerate mutase 1 (brain)	J04173	5	5	0	+	+	+	+	+
phosphoglycerate mutase 2 (muscle)	M55673	2	1	1					
phosphoinositide-3-kinase, catalytic, alpha polypeptide	Z29090	1	1	0		+	+	+	+
phosphoinositide-3-kinase, catalytic, delta polypeptide (PIK3CD)	NM_005026	8	7	1	+	+	+	+	+
phosphoinositide-3-kinase, catalytic, gamma polypeptide	X83368	1	1	0					
phosphoinositide-3-kinase, regulatory subunit 4, p150	Y08991	1	1	0	+		+	+	+
phosphoinositide-3-kinase, regulatory subunit, polypeptide p101	AF128881	5	1	4	+	+	+	+	+
Phospholipase C, beta 2	NM_004573	1	0	1	+	+	+	+	+
phospholipase C, delta 1	U09117	2	2	0	+	+	+	+	+
phospholipase C, gamma 1 (formerly subtype 148)	M34667	2	1	1	+		+	+	+
phospholipase C, gamma 2 (phosphatidylinositol-specific)	X14034	4	3	1	+	+	+	+	+
phospholipid scramblase 1	AF098642	3	2	1	+	+	+	+	+
Phospholysine phosphohistidine inorganic pyrophosphate phosphatase	H75601	1	1	0	+	+	+	+	+
phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG),	Hs.266175	4	4	0	+	+	+	+	+
phosphoprotein enriched in astrocytes 15	Y13736	1	0	1	+	+	+	+	+
phosphoribosyl pyrophosphate synthetase-associated protein 1	D61391	1	1	0	+	+	+	+	+
phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase	X54199	3	3	0	+	+	+	+	+
phosphorylase kinase, alpha 2 (liver)	D38616	3	3	0	+	+	+	+	+
phosphorylase kinase, gamma 2 (testis)	Y11951	1	0	1					
phosphorylase, glycogen; brain	U47025	2	2	0	+	+		+	+
phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI)	M14636	8	2	6	+	+	+	+	+
phosphotidylinositol transfer protein	D30037	5	3	2	+	+	+	+	+
Phosphotriesterase related	BF112019	1	0	1	+		+	+	+
PIG-M mRNA for mannosyltransferase,	Hs.53565	1	0	1	+	+	+		
pim-1 oncogene	M24779	3	3	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
pim-2 oncogene	U77735	2	2	0	+	+			+
pinin, desmosome associated protein	Y10351	5	4	1	+	+	+	+	+
pituitary tumor-transforming 1 interacting protein	Z50022	3	0	3	+	+	+	+	+
placenta cDNA (TFujiwara) Homo sapiens cDNA clone GEN-563G07 5'	C18526.1	1	1	0					
placental protein Diff33	Z97053	1	1	0					
placenta-specific 8; hypothetical protein LOC51316 mRNA sequence	Hs.107139	1	0	1	+	+		+	+
plakophilin 2	Hs.25051	1	0	1	+	+	+	+	+
plasma glutamate carboxypeptidase	AF119386	1	0	1	+	+	+	+	+
plasma membrane calcium ATPase isoform 1 (ATP2B1) gene	L14561	2	1	1					
plasminogen activator, urokinase receptor	X74039	1	1	0	+		+	+	+
PLATELET ACTIVATING FACTOR RECEPTOR (PAF-R)	P25105	1	1	0					
Platelet activating receptor homolog	AA353758	1	1	0				+	
platelet factor 4	M25897	2	2	0		+		+	+
platelet/endothelial cell adhesion molecule (CD31 antigen)	M37780	10	8	2	+	+	+	+	+
platelet-activating factor acetylhydrolase 2 (40kD)	U89386	1	1	0		+	+	+	+
platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit (45kD)	U72342	1	1	0					
platelet-activating factor receptor	D10202	3	3	0	+				+
pleckstrin	X07743	21	14	7		+	+	+	+
pleckstrin homology, Sec7 and coiled/coil domains 1(cytohesin 1)	M85169	4	4	0	+		+	+	+
pleckstrin homology, Sec7 and coiled/coil domains, binding protein	AF068836	8	8	0	+	+	+		+
plexin B2	AB002313	4	4	0	+	+	+	+	+
plexin C1	AF030339	3	2	1		+	+	+	+
pM5 protein	X57398	3	2	1	+		+	+	+
poly (ADP-ribose) polymerase (NAD (+) ADP-ribosyltransferase) (=X16674)	X16674	1	1	0					
poly(A) polymerase alpha	X76770	1	1	0	+	+	+	+	+
poly(A)-binding protein, cytoplasmic 1	Y00345	27	21	6	+	+	+	+	+
poly(A)-binding protein, cytoplasmic 4 (inducible form)	U33818	2	2	0	+	+	+	+	+
Poly(A)-binding protein, nuclear 1	NM_004643	1	0	1	+	+	+	+	+
poly(A)polymerase, putative	Z25866	1	0	1					
poly(rC)-binding protein 1	U24223	4	4	0	+	+	+	+	+
poly(rC)-binding protein 2	X78136	2	1	1	+	+	+	+	+
polyadenylate binding protein(TIA-1)	M77142	5	4	1	+	+	+	+	+
Polyamine-modulated factor 1	AF141308	3	1	2					
polycystic kidney disease (PKD1)	L43605	2	2	0					
polycystic kidney disease 1 (autosomal dominant)	U24497	8	6	2	+	+	+	+	+
polycystic kidney disease-associated protein (PKD1) gene, complete cds	L39891.1	1	1	0					
polycythemia rubra vera 1; cell surface receptor (PRV1),	Hs.232165	5	0	5			+		+
polymerase (DNA directed), beta	D29013	1	1	0	+	+	+	+	+
polymerase (DNA directed), delta 2, regulatory subunit (50kD)	U21090	1	0	1	+	+	+	+	+
polymerase (DNA directed), eta(POLH), mRNA	Hs.155573	1	1	0			+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
polymerase (DNA directed), gamma	D84103	7	6	1	+	+	+	+	+
polymerase (DNA directed), gamma 2, accessory subunit	U94703	2	2	0	+		+	+	+
polymerase (DNA-directed) kappa(POLK), mRNA	Hs.135756	1	1	0	+	+	+	+	+
Polymerase (DNA-directed), delta 4	H41945	1	1	0	+	+	+	+	+
polymerase (RNA) II (DNA directed) polypeptide A (220kD)	X63564	2	1	1	+	+	+	+	+
polymerase (RNA) II (DNA directed) polypeptide B (140kD) (POLR2B),	Hs.296014	1	1	0	+	+	+	+	+
polymerase (RNA) II (DNA directed) polypeptide C (33kD) (POLR2C), mRNA	XM_048058.2	1	1	0					
polymerase (RNA) II (DNA directed) polypeptide J (13.3kD)	X82385	1	1	0	+	+	+	+	+
polymyositis/scleroderma autoantigen 2 (100kD)	L01457	1	1	0	+	+	+	+	+
polynucleotide kinase 3'-phosphatase (PNKP),	Hs.78016	1	1	0	+	+	+	+	+
polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I)	X66975	3	1	2	+	+	+	+	+
polysialyltransferase ST8SiaIV (=X86000 N-glycan alpha 2,8-sialyltransferase)	AJ223956	1	1	0					
POM121 membrane glycoprotein (rat homolog)-like 2 (POM121L2),	Hs.8198	4	2	2	+		+		+
postmeiotic segregation increased 2-like 8	U38964	1	1	0					
potassium inwardly-rectifying channel, subfamily J, member 15(KCNJ15)	NM_002243	3	1	2			+		+
potassium voltage-gated channel, KQT-like subfamily, member 1	AF051426	1	1	0		+	+	+	+
potassium voltage-gated channel, shaker-related subfamily, beta member 2	U33429	2	2	0	+	+	+	+	+
POU domain, class 2, transcription factor 1	X13403	4	4	0	+		+	+	
PP1201 protein (PP1201), mRNA	Hs.184052	7	5	2	+	+	+	+	+
PP2135 protein	AI199332	9	6	3	+	+	+	+	+
PP3111 protein (PP3111),	Hs.351484	2	2	0	+	+	+	+	+
PP3895 mRNA, complete cds	AF258566.1	1	0	1					
PPAR binding protein	Y13467	2	2	0	+	+	+	+	+
PRB1S precursor protein=basic proline-rich proteins (non-exact, 43%aa)	S62936	1	1	0					
pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA Homo sapiens cDNA clone TCBAP4919	BE246580.1	1	0	1	+			+	+
pre-B-cell colony-enhancing factor	U02020	18	8	10	+	+	+	+	+
PRE-B-CELL LEUKEMIA TRANSCRIPTION FACTOR-2 (HOMEODOMAIN PROTEIN PBX2) (G17)	P40425	1	1	0					
predicted gene (=Q28198 B.taurus tissue plasminogen activator)	AC002073	1	1	0					
prefoldin 1	Y17392	2	2	0	+	+	+	+	+
prefoldin 3	Hs.198307	3	2	1	+	+	+	+	+
prefoldin 4	4505740	1	0	1	+	+	+		+
prefoldin 5	D89667	4	4	0					
Pregnancy specific beta-1-glycoprotein 3	AA368153	2	2	0	+	+	+	+	+
pregnancy-associated plasma protein A	U28727	1	1	0					
pre-mRNA splicing factor 17	AF038392	1	1	0	+	+	+	+	+
pre-mRNA splicing factor similar to S. cerevisiae Prp16	AF038391	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
presenilin 1 (Alzheimer disease 3)	U40379	1	0	1	+	+	+	+	+
Presenilins associated rhomboid-like protein	AA316485	1	1	0	+	+	+	+	+
prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia)	M13899	2	2	0	+	+	+	+	+
PRO0149 protein	AA987913	2	2	0	+		+	+	+
PRO0461 protein (PRO0461),	Hs.25063	1	0	1	+	+	+	+	+
PRO0823 mRNA, complete cds/cds=UNKNOWN /gb=AF116653 /gi=7959804	Hs.34192	1	1	0		+	+	+	+
PRO0845	Hs.6390	1	0	1	+	+	+	+	+
PRO1847 mRNA, complete cds	AF119855.1	1	1	0					
PRO1912 protein	H16045	1	1	0	+	+		+	+
PRO2987	Hs.407270	6	0	6					
PROBABLE G PROTEIN-COUPLED RECEPTOR KIAA0001 (72% aa)	Q15391	3	3	0					
PROBABLE TRANS-1,2-DIHYDROBENZENE-1,2-DIOL DEHYDROGENASE (CHLORDECON REDUCTASE HOMOLOG HAKRB) (KIAA0119) (non-exact 86%aa)	P42330	1	1	0					
Probe hTg737 (polycystic kidney disease, autosomal recessive, in)	U20362	1	0	1	+	+	+	+	+
procollagen (type III) N-endopeptidase	U58048	1	1	0	+	+	+	+	+
procollagen-lysine, 2-oxoglutarate 5-dioxygenase (lysine hydroxylase, Ehlers-Danlos syndrome type VI)	M98252	3	3	0	+	+	+	+	+
procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I	M24486	1	1	0	+	+	+	+	+
procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), beta polypeptide (protein disulfide isomerase; thyroid hormone binding protein p55)	J02783	6	4	2	+	+	+	+	+
Profilin 1	NM_005022	2	1	1	+	+	+	+	+
progesterone binding protein (HPR6.6)	5729874	1	0	1	+	+	+	+	+
progesterone-induced blocking factor 1 (PIBF1), mRNA	XM_007200.7	1	1	0					
progestin induced protein	AF006010	2	0	2	+	+	+	+	+
programmed cell death 4	U83908	4	4	0					
Programmed cell death 6-interacting protein	NM_013374	1	0	1	+	+	+	+	+
prohibitin	S85655	1	1	0	+	+	+	+	+
prolactin regulatory element binding (PREB),	Hs.279784	2	0	2	+		+	+	+
proliferating cell nuclear antigen	J04718	3	3	0					
proline-rich protein with nuclear targeting signal (B4-2)	NM_006813	3	0	3	+	+	+	+	+
proline-serine-threonine phosphatase interacting protein 1	U94778	3	3	0			+	+	+
proline-serine-threonine phosphatase interacting protein 2 (PSTPIP2),	Hs.69149	1	1	0		+	+	+	+
Prolyl endopeptidase	AB020018	3	2	1		+	+	+	+
prolylcarboxypeptidase (angiotensinase C)	L13977	11	9	2	+	+	+	+	+
promyelocytic leukemia	M80185	1	1	0	+	+	+	+	+
pro-oncosis receptor inducing membrane injury gene (PORIMIN), mRNA	Hs.172089	2	2	0	+	+	+	+	+
properdin P factor, complement	X57748	4	4	0	+				+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)	M54995	10	8	2		+		+	+
proprotein convertase subtilisin/kexin type 7	U33849	8	8	0	+	+	+	+	+
prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy)	M32221	125	106	19	+	+	+	+	+
prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	S78220	5	4	1	+	+	+	+	+
prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	L15326	5	2	3			+	+	+
protease, serine, 15	X74215	1	1	0					
protease, serine, 4 (trypsin 4, brain)	AF029308	1	0	1					
proteasome (prosome, macropain) 26S subunit, ATPase, 1	L02426	4	4	0	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, ATPase, 3	M34079	1	1	0	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, ATPase, 4	AF038965	2	2	0	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, ATPase, 5	L38810	5	5	0	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, ATPase, 6	D78275	4	2	2	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, non-ATPase, 1	D44466	1	1	0	+	+	+	+	+
Proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	NM_002814	1	0	1	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, non-ATPase, 11	AF001212	1	1	0	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, non-ATPase, 12 (PSMD12)	NM_002816	2	1	1	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, non-ATPase, 13 (PSMD13),	Hs.279554	3	3	0	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, non-ATPase, 2	U18247	4	4	0					
proteasome (prosome, macropain) 26S subunit, non-ATPase, 4	U24704	1	0	1	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, non-ATPase, 5	S79862	2	2	0	+	+	+	+	+
proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 (Mov34 homolog)	D50063	1	1	0	+	+	+	+	+
proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	L07633	6	4	2	+	+	+	+	+
proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki)	U11292	1	1	0	+	+	+	+	+
proteasome (prosome, macropain) inhibitor subunit 1 (PI31)	D88378	2	1	1	+	+	+	+	+
proteasome (prosome, macropain) subunit, alpha type, 3	D00762	2	2	0	+	+	+	+	+
proteasome (prosome, macropain) subunit, alpha type, 5	X61970	4	4	0		+	+	+	+
proteasome (prosome, macropain) subunit, alpha type, 7	AF022815	5	4	1	+	+	+	+	+
proteasome (prosome, macropain) subunit, beta type, 1	D00761	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
proteasome (prosome, macropain) subunit, beta type, 10	X71874	1	1	0					
proteasome (prosome, macropain) subunit, beta type, 4 (PSMB4),	Hs.89545	1	0	1	+	+	+	+	+
proteasome (prosome, macropain) subunit, beta type, 6	D29012	1	1	0	+	+	+	+	+
proteasome (prosome, macropain) subunit, beta type, 7	D38048	2	1	1	+	+	+	+	+
proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional protease 7)	U17497	1	1	0	+	+	+	+	+
proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional protease 2)	X62741	5	5	0	+		+	+	+
proteasome activator PA28 beta gene, complete cds	AF079558.1	1	0	1					
proteasome alpha 2 subunit; proteasome subunit HC3; proteasome component C3; macropain subunit C3; multicatalytic endopeptidase complex subunit C3 mRNA sequence	Hs.181309	1	0	1					
protective protein for beta-galactosidase (galactosialidosis)	M22960	8	6	2	+	+	+	+	+
protein "A"	U47925	1	1	0	+	+			+
Protein disulfide isomerase-related protein	NM_005742	4	3	1	+	+	+	+	+
protein geranylgeranyltransferase type I, beta subunit	L25441	1	1	0					
protein kinase C and casein kinase substrate in neurons 2 (PACSIN2),	Hs.18842	1	1	0	+	+	+	+	+
protein kinase C binding protein 1	AA130356	2	2	0	+	+	+	+	+
protein kinase C substrate 80K-H	J03075	2	2	0	+	+	+	+	+
protein kinase C, beta 1	X06318	7	7	0	+	+	+	+	+
protein kinase C, delta	D10495	4	1	3	+	+	+	+	+
protein kinase C, eta	M55284	2	1	1	+			+	+
protein kinase C, mu	X75756	1	1	0		+	+	+	+
protein kinase C, nu	AB015982	1	1	0	+	+	+	+	+
protein kinase C-like 1	U33053	2	2	0	+	+	+	+	+
protein kinase D2 mRNA,	Hs.91146	1	1	0	+	+	+	+	+
protein kinase domains containing protein similar to phosphoprotein C8FW (LOC57761),	Hs.26802	1	0	1	+	+	+	+	+
protein kinase MEKK2b	AF239798	1	0	1	+	+	+	+	+
protein kinase NYD-SP15 (NYD-SP15),	Hs.49927	2	1	1	+	+	+	+	+
protein kinase, AMP-activated, gamma 1 non-catalytic subunit	U42412	1	1	0	+	+	+	+	+
protein kinase, cAMP-dependent, catalytic, alpha	M80335	1	0	1	+	+	+	+	+
protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)	M18468	7	5	2	+	+	+	+	+
protein kinase, interferon-inducible double stranded RNA dependent activator (PRKRA),	Hs.18571	2	2	0	+	+	+	+	+
Protein kinase, lysine deficient 1	N58418	8	7	1	+	+	+	+	+
Protein kinase, X-linked	NM_005044	1	0	1		+	+		+
protein phosphatase 1, catalytic subunit, alpha isoform	X70848	7	7	0	+	+	+	+	+
protein phosphatase 1, regulatory (inhibitor) subunit 11	X89902	1	1	0					
protein phosphatase 1, regulatory (inhibitor) subunit 12B (PPP1R12B), transcript variant 2,	Hs.130760	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
protein phosphatase 1, regulatory subunit 10	Y13247	3	3	0	+	+	+	+	+
protein phosphatase 1, regulatory subunit 6	Y18206	1	0	1	+	+	+	+	+
protein phosphatase 1, regulatory subunit 7	AF067132	3	2	1					
protein phosphatase 1G(formerly 2C), magnesium-dependent, gamma isoform(PPM1G)	NM_002707	1	0	1	+	+	+	+	+
protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform	X12656	5	3	2	+	+	+	+	+
protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform	J02902	9	8	1	+	+	+	+	+
protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), beta isoform	P30154	1	1	0					
protein phosphatase 2 (formerly 2A), regulatory subunit B" (PR 72), alpha isoform and (PR 130), beta isoform	L07590	1	1	0	+	+	+	+	+
protein phosphatase 2, regulatory subunit B (B56), alpha isoform	L42373	2	2	0	+	+	+	+	+
protein phosphatase 2, regulatory subunit B (B56), delta isoform	AB000634	3	3	0	+	+	+	+	+
protein phosphatase 2, regulatory subunit B (B56), gamma isoform	U37352	1	1	0	+	+	+	+	+
Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)	R61420	4	3	1	+	+	+	+	+
protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (calcineurin A gamma)	S46622	1	0	1	+	+	+	+	+
protein phosphatase 4 (formerly X), catalytic subunit	X70218	3	2	1	+	+	+	+	+
protein phosphatase 4, regulatory subunit 1	AF111106	2	0	2	+	+	+	+	+
protein S (alpha)	X12892	1	1	0	+	+	+	+	+
Protein transport protein SEC61 alpha subunit isoform 1	NM_015968	4	3	1					
protein tyrosine kinase 2 beta	L49207	5	5	0	+			+	+
Protein tyrosine kinase 9-like (A6-related protein)	F08087	1	1	0	+	+	+	+	+
protein tyrosine phosphatase type IVA, member 1 (PTP4A1),	Hs.227777	1	1	0	+	+	+	+	+
protein tyrosine phosphatase type IVA, member 2	L48723	4	4	0					
protein tyrosine phosphatase, non-receptor type 1	M31724	3	3	0	+	+	+	+	+
protein tyrosine phosphatase, non-receptor type 12; protein-tyrosine phosphatase G1	Hs.62	5	2	3	+	+	+	+	+
protein tyrosine phosphatase, non-receptor type 18 (brain-derived)(PTPN18)	NM_014369	2	0	2	+	+	+		+
protein tyrosine phosphatase, non-receptor type 2	M25393	2	2	0	+	+	+	+	+
Protein tyrosine phosphatase, non-receptor type 22 (lymphoid)	Hs.87860	5	4	1					+
protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte)	M68941	1	1	0	+	+	+		+
protein tyrosine phosphatase, non-receptor type 6	M77273	12	10	2	+	+	+	+	+
protein tyrosine phosphatase, non-receptor type 7	D11327	1	1	0	+	+	+	+	+
protein tyrosine phosphatase, receptor type, A	M34668	2	2	0	+	+	+	+	+
protein tyrosine phosphatase, receptor type, C	Y00638	62	44	18	+	+	+	+	+
Protein tyrosine phosphatase, receptor type, E	AA464641	5	2	3	+	+		+	+
protein tyrosine phosphatase, receptor type, M	X58288	1	1	0	+	+	+		
protein tyrosine phosphatase, receptor type, N polypeptide 2	U81561	1	1	0	+	+	+		+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
protein tyrosine phosphatase, receptor type, O	AF152378	1	0	1	+	+	+		
protein with polyglutamine repeat; calcium (ca2+) homeostasis endoplasmic reticulum protein	U94836	2	1	1	+	+	+	+	+
Protein x 0001	R07573	4	3	1	+	+	+	+	+
protein x 013	AA058963	4	2	2	+	+	+	+	+
protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	AF007393	1	1	0	+	+	+	+	+
protein-L-isôaspartate (D-aspartate) O-methyltransferase	D13892	4	4	0	+	+	+	+	+
PROTEIN-TYROSINE PHOSPHATASE G1 (PTPG1) (non-exact 49%)	Q05209	1	1	0					
proteoglycan 1, secretory granule	J03223	17	9	8	+	+	+	+	+
prothymosin, alpha (gene sequence 28)	M26708	20	15	5					
proto-oncogene tyrosine-protein kinase (ABL)	U07563	1	1	0					
prp28, U5 snRNP 100 kd protein	AF026402	9	9	0	+	+	+	+	+
PRP4/STK/WD splicing factor	NM_004697	2	1	1	+	+	+	+	+
PSCD4 Pleckstrin homology, Sec7 and coiled/coil domains 4	Hs.7189	1	1	0	+		+	+	+
Pseudoautosomal GTP-binding protein-like	Y14391	1	1	0	+	+	+		+
pseudogene for cytochrome c-like protein, clone pHGC3K5	D00266	1	0	1					
PTD009 protein	AF151862	2	1	1	+	+	+	+	+
PTD010 protein (PTD010)	NM_014394	8	4	4	+	+	+	+	+
PTD012 protein	AF092133	2	1	1	+	+	+	+	+
PTEN induced putative kinase 1 (PINK1),	Hs.6163	1	0	1	+	+	+	+	+
PTK2 protein tyrosine kinase 2	L13616	1	0	1	+	+	+	+	+
PTK7 protein tyrosine kinase 7	U40271	1	1	0	+	+	+	+	+
pumilio (Drosophila) homolog 1	D43951	5	3	2	+	+	+	+	+
purinergic receptor (family A group 5)	AF000547	2	1	1					
purinergic receptor P2X, ligand-gated ion channel, 4	AF000234	3	3	0	+	+	+	+	+
purinergic receptor P2X, ligand-gated ion channel, 7	Y12851	1	1	0					
Purine-rich element binding protein B	AA311590	1	1	0	+	+	+	+	+
putative	31704.1(AK019	1	0	1					
PUTATIVE ATP-DEPENDENT RNA HELICASE	P34580	1	1	0					
putative breast adenocarcinoma marker (32kD)	AF042384	3	2	1	+	+	+	+	+
Putative chemokine receptor; GTP-binding protein	NM_006018	6	1	5	+			+	+
putative dipeptidase	AJ295149	2	0	2	+	+	+	+	+
putative DNA/chromatin binding motif	AF087481	1	1	0	+	+	+	+	+
putative endoplasmic reticulum multispan transmembrane protein (RFT1),	Hs.334614	1	1	0	+	+	+	+	+
putative G protein-coupled receptor (GPR43) gene	AF024690	2	1	1					
putative G-binding protein	AF065393	1	1	0					
Putative homeodomain transcription factor 1	N99087	1	1	0	+	+	+	+	+
putative human HLA class II associated protein I	U73477	1	1	0	+	+	+	+	+
putative L-type neutral amino acid transporter	AB007896	1	1	0	+	+	+	+	+
putative Ly-6 superfamily member	AJ245419	1	1	0					
putative lysophosphatidic acid acyltransferase mRNA, partial cds	AF317516.1	1	0	1	+		+	+	+
putative membrane protein	AF070626	1	1	0	+	+	+	+	+
putative metalloproteinase (family M19)	AJ291679	1	0	1					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
putative methyltransferase	AJ224442	7	7	0					
Putative mitochondrial outer membrane protein import receptor	AA380568	4	3	1	+	+	+	+	+
putative mitochondrial solute carrier splice variant mRNA, complete cds, alternatively spliced, nuclear gene for mitochondrial product	Hs.326104	1	1	0	+	+	+	+	+
putative mitochondrial space protein 32.1	AF050198	1	1	0					
PUTATIVE MUCIN CORE PROTEIN PRECURSOR 24 (MULTI-GLYCOSYLATED CORE PROTEIN 24) (MGC-24) (MUC-24)	Q04900	1	1	0					
putative nuclear protein	AB015343	4	3	1	+	+	+	+	+
putative nucleic acid binding protein RY-1	X76302	2	2	0	+	+	+	+	+
putative nucleolar RNA helicase (NOH61),	Hs.10098	2	2	0	+	+	+	+	+
putative nucleotide binding protein, estradiol-induced (E2IG3),	Hs.279923	5	5	0	+	+	+	+	+
putative p150	AAC51279	2	1	1					
putative peroxisomal antioxidant enzyme mRNA, complete cds	AF112212.1	1	1	0	+	+	+	+	+
putative protein kinase NY-REN-64 antigen	AF155118	1	0	1			+	+	+
putative protein similar to nussy (Drosophila) (C3F),	Hs.300423	1	1	0	+		+	+	+
putative purinergic receptor (P2Y10),	Hs.296433	1	0	1					
putative ras effector Nore1	AF053959	1	1	0					
putative receptor protein	X51804	1	1	0	+	+	+	+	+
Putative ring zinc finger protein NY-REN-43 antigen	AA296228	1	1	0			+	+	+
putative secreted protein (SIG11)	AF072733	1	0	1	+	+	+	+	+
putative translation initiation factor	AF083441	7	5	2	+	+	+	+	+
putative tumor suppressor RASSF3 isoform B (RASSF3) mRNA, complete cds; alternatively spliced	AY062003.1	1	1	0					
pyridoxal-phosphate-dependent aminotransferases class-III, strong similarity	U80931	1	1	0					
pyrophosphatase (inorganic) (PP), nuclear gene encoding mitochondrial protein, mRNA	Hs.184011	1	1	0	+	+	+	+	+
pyrroline 5-carboxylate reductase isoform	AF151351	1	0	1	+		+	+	+
pyrroline-5-carboxylate reductase 1	M77836	1	1	0	+	+	+	+	+
pyrroline-5-carboxylate synthetase (glutamate gamma-semialdehyde synthetase)	U76542	3	1	2	+	+	+	+	+
pyruvate dehydrogenase (lipoamide) alpha 1	D90084	2	2	0					
pyruvate dehydrogenase (lipoamide) beta	M54788	3	3	0	+	+	+	+	+
Pyruvate dehydrogenase complex, lipoyl-containing component X; E3-binding protein	Y13145	3	3	0	+	+	+	+	+
pyruvate dehydrogenase(lipoamide) alpha 1 (PDHA1)	NM_000284	1	0	1	+	+	+	+	+
pyruvate kinase, muscle	M23725	19	16	3	+	+	+	+	+
quinoid dihydropteridine reductase	M16447	2	2	0	+	+	+	+	+
RAB1, member RAS oncogene family	M28209	3	3	0	+	+	+	+	+
RAB10, member RAS oncogene family (RAB10),	Hs.236494	1	1	0	+	+	+	+	+
RAB11A, member RAS oncogene family	X56740	3	2	1	+	+	+	+	+
RAB18, member RAS oncogene family,clone MGC:8766 IMAGE:3922029, mRNA,	Hs.21094	3	3	0	+	+	+	+	+
RAB2, member RAS oncogene family	NM_002865	1	0	1	+	+	+	+	+
RAB2, member RAS oncogene family-like	U68142	7	5	2	+	+	+	+	+
RAB27A, member RAS oncogene family	U38654	4	3	1		+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
RAB3 GTPase-ACTIVATING PROTEIN	D31886	1	1	0	+	+	+	+	+
Rab3 GTPase-activating protein, non-catalytic subunit (150kD)	N99712	1	1	0	+	+	+	+	+
RAB31, member RAS oncogene family	U59877	2	0	2	+	+	+	+	+
RAB5B, member RAS oncogene family	NM_002868	3	2	1	+	+	+	+	+
RAB5C, member RAS oncogene family	U18420	1	1	0	+	+	+	+	+
RAB6A, member RAS oncogene family	AF052130	2	2	0	+	+	+	+	+
RAB7, member RAS oncogene family	X93499	2	2	0					
RAB7, member RAS oncogene family-like 1	D84488	3	3	0			+	+	+
rab8 gene	X56741	2	0	2	+	+	+	+	+
RAB-8b protein (LOC51762), mRNA	NM_016530.1	1	0	1				+	+
RAB9, member RAS oncogene family	U44103	3	3	0	+	+	+	+	+
rabaptin-5 (RAB5EP)	NM_004703	2	0	2	+	+	+	+	+
Rac/Cdc42 guanine exchange factor (GEF) 6	D25304	1	0	1	+	+			+
RAD21 (S. pombe) homolog	D38551	2	1	1	+	+	+	+	+
RAD50 (S. cerevisiae) homolog	U63139	2	2	0		+	+	+	+
RAD51 (S. cerevisiae) homolog C	AF029669	2	1	1	+	+	+	+	+
RAE1 (RNA export 1, S.pombe) homolog	U84720	3	3	0	+	+	+	+	+
ral guanine nucleotide dissociation stimulator	E14353	3	2	1					
ralA binding protein 1	L42542	3	2	1	+	+	+	+	+
RALBP1 protein (LOC83859), mRNA	Hs.11056	1	1	0	+	+	+	+	+
RalBP1-associated EH domain protein Repr1 (reprs1)	AF031939	1	1	0					
Ran binding protein 11	AA471187	3	3	0		+	+	+	+
RAN binding protein 16 (RANBP16), mRNA	Hs.172685	1	1	0	+	+	+	+	+
RAN binding protein 2	L41840	6	5	1					
RAN binding protein 2-like 1	AF012086	2	2	0	+	+	+	+	+
RAN binding protein 7	AI301763	2	1	1	+	+	+	+	+
RAN binding protein 9	AB008515	1	1	0	+	+	+	+	+
Ran GTPase activating protein 1	X82260	3	3	0	+	+	+	+	+
RAN, member RAS oncogene family	M31469	1	1	0	+	+	+	+	+
RAP1A, member of RAS oncogene family	AA059264	6	2	4		+		+	
RAP1B, member of RAS oncogene family; K-REV; RAS-related protein RAP1B mRNA sequence	Hs.156764	18	14	4	+	+	+	+	+
RAP2A, member of RAS oncogene family	AA172305	1	0	1	+	+	+	+	+
RAR-related orphan receptor C	U16997	1	1	0			+	+	+
Ras association (RalGDS/AF-6) domain family 1	AF061836	2	2	0	+		+	+	+
Ras association (RalGDS/AF-6) domain family 2	D79990	11	4	7	+	+	+	+	+
RAS guanyl releasing protein 1 (calcium and DAG-regulated)	AA283882	1	1	0	+				
RAS guanyl releasing protein 2 (calcium and DAG-regulated)	AF081194	2	2	0	+			+	+
RAS guanyl releasing protein 4 (RASGRP4), mRNA	Hs.130434	2	2	0				+	
ras homolog gene family, member	U85625	4	4	0	+	+	+	+	+
ras homolog gene family, member A	L25080	22	14	8	+	+	+	+	+
Ras homolog gene family, member G (rho G)	NM_001665	6	4	2	+	+	+	+	+
ras homolog gene family, member H	Z35227	4	3	1	+	+		+	+
ras inhibitor	M37191	2	2	0	+	+	+	+	+
RAS p21 protein activator (GTPase activating protein) 3 (Ins(1,3,4,5)P4-binding protein)	X89399	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Ras-GTPase activating protein SH3 domain-binding protein 2	AB014560	3	2	1	+	+	+	+	+
Ras-GTPase-activating protein SH3-domain-binding protein	U32519	5	4	1	+	+	+	+	+
Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	AA187469	1	1	0	+	+	+	+	+
ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2) (RAC2)	XM_001052	20	13	7					
RAS-RELATED PROTEIN RAL-B	P11234	1	1	0					
RAS-RELATED PROTEIN RAP-1B (GTP-BINDING PROTEIN SMG P21B)	P09526	1	1	0					
Rattus norvegicus cDNA clone UI-R-C2p-rk-g-08-0-UI 5'	BF547355.1	1	0	1					
RBP1-like protein	AI244181	1	1	0	+	+	+	+	+
RC4-HT0664-250400-012-f04_1 HT0664 cDNA	gb BE183327.1	1	1	0					
RD RNA-binding protein	L03411	1	1	0	+		+	+	+
RE1-silencing transcription factor	A56138	1	1	0					
rearranged L-myc fusion sequence	U22377	2	2	0	+	+	+	+	+
Rec	AA806969	1	1	0		+	+	+	+
receptor interacting protein 140; Nuclear receptor interacting protein 1 (receptor interacting protein 140); nuclear factor RIP140 mRNA sequence	Hs.155017	2	1	1	+	+	+	+	+
receptor tyrosine kinase-like orphan receptor 1	U38894	1	0	1					
receptor-interacting serine-threonine kinase 3	AF156884	1	0	1	+	+		+	+
recombination protein REC14(REC14),	Hs.296242	1	1	0	+	+	+	+	+
RecQ protein-like (DNA helicase Q1-like) (RECQL), transcript variant 1,	Hs.235069	1	1	0	+		+	+	+
RECQL5 RecQ protein-like 5	Hs.33818	1	1	0	+	+	+	+	+
regulator of Fas-induced apoptosis	AF057557	2	2	0	+	+		+	+
REGULATOR OF G-PROTEIN SIGNALING 5 (RGS5) (49% aa)	O15539	1	1	0					
regulator of G-protein signalling 14	AF037194	2	2	0	+		+	+	+
regulator of G-protein signalling 19	X91809	1	1	0	+	+	+	+	+
regulator of G-protein signalling 2, 24kD	L13463	12	6	6	+	+	+	+	+
regulator of G-protein signalling 6	AF073920	1	1	0	+			+	
regulatory factor X, 5 (influences HLA class II expression)	X85786	3	2	1	+	+	+	+	+
repeat polymorphism in LIPE hormone sensitive lipase	X65642	1	1	0					
Replication factor C (activator 1) 2 (40kD)	NM_002914	1	0	1	+	+		+	+
replication factor C (activator 1) 3 (38kD)	L07541	1	0	1	+	+		+	+
replication protein A1 (70kD)	M63488	2	2	0	+	+		+	+
replication protein A2 (32kD)	J05249	2	1	1	+	+	+	+	+
replication protein A3 (14kD)	L07493	1	1	0		+	+	+	+
reproduction 8	D83767	1	1	0	+		+	+	+
requiem, apoptosis response zinc finger gene	U94585	4	3	1	+	+	+	+	+
restin (Reed-Steinberg cell-expressed intermediate filament-associated protein)	M97501	1	1	0	+	+	+	+	+
ret finger protein	J03407	1	1	0	+	+	+	+	+
ret finger protein-like 3 antisense	AJ010233	1	1	0					
RETICULOCALBIN 1 PRECURSOR (80% aa)	Q15293	1	0	1					
reticulon 3	AF119297	9	5	4	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Reticulon 4	AA946737	1	1	0	+		+	+	+
Retinal short-chain dehydrogenase/reductase retSDR2	AA167203	2	2	0	+	+	+	+	+
retinitis pigmentosa 2 (X-linked recessive)	AJ007590	3	2	1				+	
retinoblastoma 1 (including osteosarcoma)	L11910	4	4	0					
retinoblastoma-binding protein 1	S66427	1	1	0	+	+	+	+	+
retinoblastoma-binding protein 2	S66431	5	5	0	+	+	+	+	+
retinoblastoma-binding protein 4	X74262	3	2	1	+	+	+	+	+
retinoblastoma-binding protein 6	X85133	2	2	0	+	+	+	+	+
Retinoblastoma-binding protein 7	NM_002893	2	1	1	+	+	+	+	+
retinoblastoma-like 2 (p130)	X74594	13	10	3	+	+	+	+	+
Retinoic acid induced 1	AL133649	1	0	1	+	+	+	+	+
retinoic acid receptor responder (tazarotene induced) 3 mRNA	Hs.17466	3	2	1	+	+	+	+	+
retinoic acid receptor, alpha	X06538	1	1	0	+		+	+	+
retinoic acid responsive	U50383	1	1	0	+		+	+	+
Retinoid x receptor interacting protein	AA354171	1	1	0	+	+	+	+	+
retinoid X receptor, alpha (RXRA)	Hs.20084	1	1	0	+	+	+	+	+
retinoid X receptor, beta	X66424	3	3	0	+	+	+	+	+
RETROVIRUS-RELATED ENV POLYPROTEIN (non-exact 72%)	P10267	1	1	0					
REV1 (yeast homolog)- like (REV1L), mRNA	Hs.110347	1	1	0	+	+	+	+	+
REV3 (yeast homolog)-like, catalytic subunit of DNA polymerase zeta	AF035537	1	1	0	+	+	+	+	+
Rho GDP dissociation inhibitor (GDI) alpha	AA774723	2	2	0	+	+	+		+
Rho GDP dissociation inhibitor (GDI) beta	L20688	50	34	16	+	+	+	+	+
Rho GTPase activating protein 4	X78817	6	5	1				+	+
Rho guanine exchange factor (GEF) 11	AB002378	2	2	0	+	+		+	+
Rho guanine exchange factor (GEF) 12	AB002380	2	2	0	+	+	+	+	+
Rho guanine nucleotide exchange factor (GEF) 1 (ARHGEF1)	NM_004706	3	2	1	+		+	+	+
Rho guanine nucleotide exchange factor (GEF) 3 (ARHGEF3),	Hs.25951	1	1	0	+	+	+	+	+
Rho guanine nucleotide exchange factor (GEF) 5	U02082	1	1	0	+	+	+	+	+
rho/rac guanine nucleotide exchange factor (GEF) 2	U72206	2	2	0					
Rho-associated, coiled-coil containing protein kinase 1	U43195	4	2	2	+	+	+	+	+
Rho-associated, coiled-coil containing protein kinase 2	AB014519	1	1	0	+	+		+	+
Rho-specific guanine nucleotide exchange factor p114	AB011093	3	3	0	+	+		+	+
ribonuclease III (RN3) mRNA,	Hs.49163	1	1	0	+	+	+	+	+
ribonuclease L (2',5'-oligoadenylate synthetase-dependent)	L10381	1	1	0					
ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin)	X55988	1	1	0				+	
Ribonuclease, RNase A family, 4	NM_002937	1	0	1	+	+	+	+	+
Ribonuclease/angiogenin inhibitor	NM_002939	6	5	1	+	+	+	+	+
ribonucleoside diphosphate reductase M1 subunit	X65708	1	1	0					
ribonucleotide reductase M2 polypeptide (non-exact 91%)	P31350	1	1	0					
ribophorin I	Y00281	1	1	0	+		+	+	+
ribophorin II	Y00282	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
ribosomal phosphoprotein P0, 5'UTR (low match)	D28418	1	1	0					
ribosomal protein L10	P27635	18	17	1					
ribosomal protein L10a	U12404	6	6	0	+	+	+	+	+
ribosomal protein L11	X79234	7	6	1					
ribosomal protein L12	L06505	2	2	0	+	+	+	+	+
ribosomal protein L13	P26373	3	3	0					
ribosomal protein L13a	P40429	34	28	6					
ribosomal protein L14	D87735	5	5	0	+	+	+	+	+
ribosomal protein L15	L25899	30	27	3	+	+	+	+	+
ribosomal protein L17 (RPL17), mRNA	XM_057521.2	1	0	1					
ribosomal protein L18	L11566	12	10	2	+	+	+	+	+
ribosomal protein L18a	L05093	8	7	1	+	+	+	+	+
ribosomal protein L19	X63527	17	17	0	+	+	+	+	+
ribosomal protein L21	U14967	8	7	1	+	+	+	+	+
ribosomal protein L22	D17652	3	3	0	+	+	+	+	+
ribosomal protein L23	X52839	7	4	3	+	+	+	+	+
ribosomal protein L23a	U43701	5	5	0	+	+	+	+	+
ribosomal protein L26	L07287	9	8	1					
ribosomal protein L27	L19527	8	7	1	+	+	+	+	+
ribosomal protein L27a	U14968	10	10	0	+	+	+	+	+
ribosomal protein L28	U14969	7	7	0	+	+	+	+	+
ribosomal protein L29	AA090672	11	8	3	+	+	+	+	+
ribosomal protein L3	X73460	109	97	12	+	+	+	+	+
ribosomal protein L30	X79238	9	7	2	+	+	+	+	+
ribosomal protein L31	X15940	13	11	2	+	+	+	+	+
ribosomal protein L32	X03342	6	5	1	+	+	+	+	+
ribosomal protein L34	L38941	7	6	1	+	+	+	+	+
ribosomal protein L35	U12465	1	1	0	+	+	+	+	+
ribosomal protein L36 (RPL36),transcript variant 2,	Hs.343443	2	2	0					
ribosomal protein L37	L11567	6	5	1	+	+	+	+	+
Ribosomal protein L37a	AA378385	11	11	0	+	+	+	+	+
ribosomal protein L38	Z26876	2	2	0	+	+	+	+	+
ribosomal protein L39	D79205	1	0	1	+	+	+	+	+
ribosomal protein L4	L20868	56	41	15	+	+	+	+	+
ribosomal protein L41	AF026844	5	5	0	+	+	+	+	+
ribosomal protein L5	U14966	26	20	6	+	+	+	+	+
ribosomal protein L6	X69391	14	9	5	+	+	+	+	+
ribosomal protein L7	X57958	27	20	7	+	+	+	+	+
ribosomal protein L7a	M36072	22	19	3	+	+	+	+	+
ribosomal protein L8	Z28407	10	8	2	+	+	+	+	+
ribosomal protein L9	U09954	16	12	4					
ribosomal protein S10	U14972	6	6	0	+	+	+	+	+
ribosomal protein S11	X06617	6	5	1	+	+	+	+	+
ribosomal protein S12	X53505	5	5	0	+	+	+	+	+
ribosomal protein S13	Hs.165590	6	3	3	+	+	+	+	+
ribosomal protein S14	M13934	13	12	1					
ribosomal protein S15	J02984	3	3	0	+	+	+	+	+
ribosomal protein S16	M60854	4	4	0	+	+	+	+	+
ribosomal protein S17	M13932	3	3	0	+	+	+	+	+
ribosomal protein S18	X69150	14	12	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
ribosomal protein S19	M81757	8	8	0	+	+	+	+	+
ribosomal protein S2	X17206	8	7	1	+	+	+	+	+
ribosomal protein S20	L06498	9	7	2	+	+	+	+	+
ribosomal protein S21	L04483	3	3	0		+	+	+	+
ribosomal protein S24	M31520	10	9	1	+	+	+	+	+
ribosomal protein S25	M64716	6	5	1	+	+	+	+	+
ribosomal protein S26	U41448	2	2	0					
ribosomal protein S27 (metalloproteinase 1) (RPS27), mRNA	NM_001030.2	6	5	1	+	+	+	+	+
ribosomal protein S27a	S79522	4	4	0	+	+	+	+	+
ribosomal protein S28	D14530	8	7	1	+	+	+	+	+
ribosomal protein S29	U14973	4	3	1	+	+	+	+	+
ribosomal protein S3	X55715	19	12	7	+	+	+	+	+
ribosomal protein S3A	M77234	33	26	7	+	+	+	+	+
ribosomal protein S4, X-linked	M58458	20	14	6	+	+	+	+	+
ribosomal protein S4, Y-linked	M58459	2	2	0	+		+	+	+
ribosomal protein S5	U14970	4	4	0	+	+	+	+	+
Ribosomal protein S6	NM_001010	27	25	2	+	+	+	+	+
ribosomal protein S6 kinase, 70kD, polypeptide 2	AB019245	1	1	0	+	+	+	+	+
Ribosomal protein S6 kinase, 90kD, polypeptide 1	NM_002953	6	4	2	+	+	+	+	+
ribosomal protein S6 kinase, 90kD, polypeptide 2	X85106	1	1	0	+	+	+	+	+
ribosomal protein S7	Z25749	6	6	0					
ribosomal protein S8	X67247	9	6	3					
ribosomal protein S9	U14971	11	11	0	+	+	+	+	+
ribosomal protein, large, P0	M17885	31	24	7	+	+	+	+	+
ribosomal protein, large, P1	M17886	12	12	0	+	+	+	+	+
ribosomal RNA 16S	U25123	1	1	0					
ribosomal RNA 18S	X03205	22	22	0					
ribosomal RNA 28S	M11167	4	4	0					
RIKEN cDNA 1600015H11 gene	AA347427	1	1	0	+	+	+	+	+
RIKEN cDNA 2310005G07 gene, clone MGC:10049 IMAGE:3890955, mRNA, complete cds	BC009530.1	1	0	1	+	+	+	+	+
Ring finger protein (C3H2C3 type) 6	AA373350	2	2	0					
Ring finger protein (C3HC4 type) 8	AA340988	1	1	0	+	+	+	+	+
Ring finger protein 10	NM_014868	6	3	3	+	+	+	+	+
ring finger protein 14	Hs.215857	2	2	0	+	+	+	+	+
ring finger protein 2	Y10571	1	1	0	+	+			+
ring finger protein 20 (RNF20), mRNA	Hs.168095	1	1	0	+	+	+	+	+
Ring finger protein 22	AA349915	1	1	0	+		+	+	+
ring finger protein 23(RNF23)	NM_021253	1	0	1	+	+	+	+	+
Ring finger protein 26	R55572	3	3	0	+	+	+	+	+
ring finger protein 27 (RNF27),	Hs.54580	1	1	0	+	+	+		+
Ring finger protein 3	AA317942	4	3	1	+	+	+	+	+
ring finger protein 4(RNF4)	NM_002938	5	4	1	+	+	+	+	+
RNA (guanine-7-) methyltransferase	AB007858	1	1	0	+	+	+	+	+
RNA 3'-terminal phosphate cyclase	Y11651	1	0	1	+	+	+	+	+
RNA binding motif protein 12	AB018308	3	3	0	+	+	+	+	+
RNA binding motif protein 14	AF080561	1	1	0	+	+		+	+
RNA binding motif protein 3	U28686	3	2	1	+	+	+	+	+
RNA binding motif protein 5	AF091263	8	4	4	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
RNA binding motif protein 8A	AA317390	3	3	0	+	+	+	+	+
RNA binding motif protein, X chromosome (RBMX)	NM_002139	7	2	5	+	+	+	+	+
RNA binding motif, single stranded interacting protein 2	D28483	1	1	0	+		+	+	+
RNA binding protein HQK-7B, Homolog of mouse quaking QKI (KH domain RNA bindingprotein)= (552,1511) /gb=AB067801	Hs.15020	5	4	1	+	+	+	+	+
RNA binding protein; AT-rich element binding factor	NM_016333	2	1	1	+	+	+	+	+
RNA helicase (KIAA0801), mRNA	NM_014829.1	1	1	0		+	+	+	+
RNA helicase (RIG-I)	NM_014314	1	0	1	+	+	+	+	
RNA helicase p68 (HUMP68) gene	AF015812	1	0	1					
RNA helicase-related protein	AF083255	2	1	1	+	+	+	+	+
RNA pol II largest subunit	X74872	2	2	0					
RNA polymerase I 16 kDa subunit	AA045031	1	1	0	+	+	+	+	+
RNA polymerase I subunit	AF008442	1	1	0	+	+	+	+	+
RNA polymerase I transcription factor RRN3 (RRN3), mRNA	NM_018427.1	1	1	0	+	+	+	+	+
RNA splicing-related protein (=AB011149 hypothetical protein (KIAA0577))	D78303	1	1	0					
RNA-binding protein	AI417951	1	0	1	+	+	+	+	+
RNA-binding protein regulatory subunit	AF021819	2	2	0	+	+	+	+	+
RNA-binding protein S1,serine-rich domain (RNPS1)	NM_006711	1	0	1	+	+	+	+	+
RNB6 (RNB6), mRNA	NM_016337.1	6	5	1	+	+	+	+	+
Ro60 protein	S57803	1	1	0					
RP42 homolog (RP42), mRNA /cds=(29,808)	Hs.104613	2	2	0	+	+	+	+	+
runt-related transcription factor 3	4757917	3	2	1		+		+	+
RuvB (E coli homolog)-like 2 (RUVBL2),	Hs.6455	1	1	0	+	+	+	+	+
S100 calcium binding protein A8 (calgranulin A) (S100A8), mRNA	NM_002964.2	3	0	3		+	+	+	+
S100 calcium-binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11))	M81457	2	2	0	+	+	+	+	+
S100 calcium-binding protein A11 (calgizzarin)	X80201	2	1	1		+	+	+	+
S100 calcium-binding protein A12; S100 calcium-binding protein A12 (calgranulin C); Calgranulin C; p6	Hs.19413	5	0	5		+	+	+	
S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog)	M80563	6	3	3		+	+	+	+
S100 calcium-binding protein A6 (calcyclin)	M18981	1	0	1					
S100 calcium-binding protein A8; cystic fibrosis antigen; calgranulin A mRNA sequence	Hs.100000	50	7	43					
S100 calcium-binding protein A9 (calgranulin B)	NM_002965	34	15	19		+	+	+	+
S164 protein	AF109907	4	3	1					
S-adenosylmethionine decarboxylase 1	M88003	5	3	2					
SAM domain and HD domain, 1(SAMHD1),	Hs.23889	8	6	2	+	+	+	+	+
SAM domain, SH3 domain and nuclear localisation signals, 1	AA471280	2	1	1		+	+		+
SAR1 protein	AY008268	1	0	1	+	+	+	+	+
sarcoma amplified sequence	U01160	1	1	0	+	+	+	+	+
SC1(TCF19)-7 gene	AB029519	1	0	1					
scaffold attachment factor B	U72355	3	3	0	+	+	+	+	+
SCAN domain-containing 1	AI968705	1	0	1	+	+	+	+	+
scotin	R87595	3	3	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
scRNA molecule, transcribed from Alu repeat	L13713	1	1	0					
SEC14 (<i>S. cerevisiae</i>)-like 1	D67029	5	4	1	+	+	+	+	+
Sec23 (<i>S. cerevisiae</i>) homolog A	X97064	4	4	0	+	+		+	+
Sec23 (<i>S. cerevisiae</i>) homolog B	X97065	3	2	1	+	+	+	+	+
SEC24 (<i>S. cerevisiae</i>) related gene family, member B	AJ131245	1	1	0	+	+	+	+	+
SEC24 (<i>S. cerevisiae</i>) related gene family, member C	D38555	3	2	1	+	+	+	+	+
Sec3-like	Hs.22394	1	0	1	+	+	+	+	+
SEC63, endoplasmic reticulum translocon component (<i>S. cerevisiae</i>) like(SEC63L)	NM_007214	3	1	2	+	+	+	+	+
SEC7 homolog	U63127	1	1	0	+	+	+	+	+
secreted protein, acidic, cysteine-rich (osteonectin)	M25746	11	11	0					
secretory carrier membrane protein 1	AF038966	1	1	0	+	+	+	+	+
secretory carrier membrane protein 2	AF005038	2	2	0	+	+	+	+	+
secretory carrier membrane protein 3	AF005039	1	1	0	+	+	+	+	+
Sel-1 (suppressor of lin-12, <i>C.elegans</i>)-like	R82681	1	1	0	+	+	+	+	+
selectin L (lymphocyte adhesion molecule 1)	M25280	72	55	17	+			+	+
selectin P ligand	U02297	22	20	2	+		+		+
selenoprotein T (LOC51714),	Hs.8148	1	1	0	+	+	+	+	+
selenoprotein X, 1	AF166124	9	4	5	+		+	+	+
sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F	U33920	1	1	0	+	+	+	+	+
sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D	U60800	4	3	1	+		+	+	+
semaphorin B	X85991	1	1	0					
SEMB, FLJ12287=(208,2496) /gb=AB029394 /gi=12248381 /ug=Hs.7634 /len=3252	Hs.7634	1	1	0	+	+		+	+
Sentrin/SUMO-specific protease	H78470	1	1	0		+	+	+	+
sepin 2	D50918	4	3	1	+	+	+	+	+
sequestosome 1	U46751	4	3	1	+	+	+	+	+
Ser/Arg-related nuclear matrix protein (plenty of prolines 101-like)	AF048977	5	5	0	+	+	+	+	+
serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1	K02212	31	19	12					
serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1	M93056	6	1	5	+	+	+	+	+
serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 6	S69272	1	1	0					
serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1	U29953	1	1	0					
Serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1	AA738028	1	1	0	+	+	+	+	+
serine (or cysteine)proteinase inhibitor, clade B (ovalbumin), member 10(SERP10)	NM_005024	1	0	1					
serine carboxypeptidase 1 precursor protein (HSCP1), mRNA	Hs.106747	3	2	1	+		+		+
serine palmitoyl transferase, subunit II gene, complete cds; and unknown genes	AF111168	2	0	2					
Serine palmitoyltransferase, long chain base subunit 1	NM_006415	4	2	2	+	+		+	+
Serine palmitoyltransferase, long chain base subunit 2	NM_004863	2	1	1	+	+	+	+	+
serine protease inhibitor, Kunitz type 1	AB000095	1	0	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
serine protease inhibitor, Kunitz type, 2	U78095	1	1	0	+	+	+	+	+
serine threonine protein kinase	Z35102	6	3	3	+	+	+	+	+
serine/threonine kinase (KDS) mRNA	Hs.12040	2	2	0	+	+	+	+	+
serine/threonine kinase 10 (STK10),mRNA	Hs.16134	7	7	0		+		+	+
serine/threonine kinase 16	AF060798	1	0	1	+	+	+	+	+
serine/threonine kinase 17a (apoptosis-inducing)	AB011420	1	1	0	+	+	+	+	+
serine/threonine kinase 17b (apoptosis-inducing) (STK17B)	NM_004226	2	1	1			+	+	
serine/threonine kinase 19	L26260	1	1	0	+	+	+	+	+
serine/threonine kinase 24 (Ste20, yeast homolog)	AF024636	3	2	1	+	+	+	+	+
serine/threonine kinase 4	U18297	1	1	0	+			+	+
serine/threonine protein kinase	X80229	1	1	0					
SERINE/THREONINE-PROTEIN KINASE RECEPTOR R3 PRECURSOR (SKR3)	P37023	1	1	0					
serologically defined colon cancer antigen 1	AF039687	2	2	0	+		+	+	+
Serologically defined colon cancer antigen 10	AA324311	1	1	0	+	+	+	+	+
serologically defined colon cancer antigen 16	AF039694	2	2	0					
serologically defined colon cancer antigen 33	AF039698	5	4	1	+	+	+	+	+
Serologically defined colon cancer antigen 8	N32526	2	2	0	+	+	+	+	+
serum deprivation response	S67386	1	1	0					
serum deprivation response(phosphatidylserine-binding protein) (SDPR)	NM_004657	13	12	1	+		+	+	+
serum/glucocorticoid regulated kinase	Y10032	4	2	2	+	+	+	+	+
SET binding factor 1	U93181	2	2	0	+	+	+	+	+
SET domain, bifurcated 1	D31891	3	1	2	+		+	+	+
SFRS protein kinase 1	U09564	1	0	1					
SFRS protein kinase 2	NM_003138	5	3	2	+	+	+	+	+
SGK-like protein SGK1	Hs.279696	1	1	0	+	+	+	+	+
SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome)	AF073019	3	3	0		+	+		+
SH3 domain binding glutamic acid-rich protein (non-exact 82%aa)	P55822	1	1	0					
SH3 domain binding glutamic acid-rich protein like	AF042081	7	4	3	+	+	+	+	+
SH3 domain binding glutamic acid-rich protein like 3	AA064995	3	3	0	+	+	+	+	+
SH3 domain-containing protein SH3P18	U61167	5	4	1	+	+	+	+	+
SH3-containing protein SH3GLB2; KIAA1848 protein	D79991	4	4	0	+	+	+	+	+
SH3-domain binding protein 5 (BTK-associated)	AA285139	3	3	0	+	+	+	+	+
SH3-domain GRB2-like 1	U65999	1	1	0	+	+	+	+	+
SH3-domain kinase binding protein 1 (SH3KBP1), mRNA	Hs.153260	2	2	0	+	+		+	+
SHC (Src homology 2 domain-containing) transforming protein 1	X68148	3	3	0	+	+	+	+	+
short coiled-coil protein SCOCO mRNA, complete cds	AF330205.1	1	1	0	+	+	+	+	+
SHP2 interacting transmembrane adaptor	AA310964	2	2	0					
siah binding protein 1; FBP interacting repressor; pyrimidine tract binding splicing factor; Ro ribonucleoprotein-binding protein 1	U51586	4	4	0	+	+	+	+	+
sialic acid binding Ig-like lectin 11 (SIGLEC11),	Hs.269347	1	1	0					
sialic acid binding Ig-like lectin 5	U71383	2	1	1	+			+	+
sialic acid binding Ig-like lectin 6 (61% aa)	D86359	1	1	0	+				+
sialic acid binding Ig-like lectin 8	AF195092	1	0	1					+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
sialophorin (gpL115, leukosialin, CD43)	J04536	2	2	0	+			+	+
sialyltransferase	U14550	1	1	0	+	+	+		+
sialyltransferase 4A (beta-galactosidase alpha-2,3-sialyltransferase)	AF059321	1	1	0			+	+	+
sialyltransferase 8 (alpha-2, 8-polysialyltransferase) D	L41680	2	1	1	+			+	+
signal recognition particle 14kD (homologous Alu RNA-binding protein)	X73459	2	1	1	+	+	+	+	+
signal recognition particle 54kD	U51920	1	1	0	+	+	+	+	+
signal recognition particle 68kD(SRP68),	Hs.273307	1	1	0	+	+	+	+	+
signal recognition particle 72kD	AF069765	2	2	0	+	+	+	+	+
signal recognition particle 9kD	U20998	2	2	0	+	+	+	+	+
signal recognition particle receptor ('docking protein')	X06272	8	8	0	+	+	+	+	+
signal regulatory protein, beta, 1	Y10376	9	8	1					+
signal sequence receptor, alpha (translocon-associated protein alpha)	Z12830	5	4	1	+	+	+	+	+
signal sequence receptor, beta (translocon-associated protein beta)	X74104	3	2	1	+	+	+	+	+
signal sequence receptor, gamma (translocon-associated protein gamma)	AF110647	2	0	2	+	+	+	+	+
signal transducer and activator of transcription 1, 91kD	M97935	5	4	1					
signal transducer and activator of transcription 2, 113kD	M97934	4	3	1	+	+	+		+
signal transducer and activator of transcription 3 (acute-phase response factor)	L29277	9	6	3					
signal transducer and activator of transcription 5A	L41142	5	5	0	+	+	+	+	+
signal transducer and activator of transcription 5B	U47686	4	2	2				+	
signal transducer and activator of transcription 6, interleukin-4 induced	U16031	11	10	1	+	+	+	+	+
signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	U43899	1	1	0	+	+	+	+	+
signal-induced proliferation-associated gene 1	AF029789	1	0	1					
signaling molecule SPEC1 beta mRNA, complete cds	Hs.22065	2	1	1	+	+	+	+	+
silencing mediator of retinoid and thyroid hormone action (SMRT)	U37146	1	1	0					
similar to alternatively spliced form (H. sapiens) (LOC127133), mRNA	XM_059114.1	1	1	0					
Similar to apolipoprotein L, clone MGC:29731 IMAGE:4661222, mRNA, complete cds	BC017331.1	1	1	0					
similar to B cell phosphoinositide 3-kinase adaptor (H. sapiens) (LOC118788), mRNA	XM_058343.1	4	1	3					
similar to bA552M11.4.1 (novel protein (isoform 1)) (H. sapiens) (LOC128346), mRNA	XM_059237.1	2	2	0					
similar to Bos taurus P14 protein	AA071061	1	1	0	+	+	+	+	+
similar to caldesmon 1, isoform 1; L-CAD; H-CAD; NAG22 protein; l-caldesmon I (H. sapiens) (LOC133628), mRNA	XM_068439.1	2	1	1					
similar to CCAAT/enhancer binding protein (C/EBP), beta; CCAAT/enhancer-binding protein (C/EBP), beta (transcription factor-5) (LOC90277), mRNA	XM_030542.1	1	0	1					
similar to CG15168 gene product (LOC93380), mRNA	XM_051020.2	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
similar to CG15635 gene product (H. sapiens) (LOC128021), mRNA	XM_059203.1	1	0	1					
Similar to CG15863 gene product, clone MGC:16693 IMAGE:4126826,	Hs.22181	1	1	0	+	+	+	+	+
similar to CG15908 gene product (H. sapiens) (LOC128977), mRNA	XM_059313.1	1	1	0					
similar to CG3714 gene product	Hs.333388	1	1	0	+	+	+	+	+
Similar to CG7818 gene product, clone MGC:4531 IMAGE:3010654, mRNA,	Hs.127685	1	1	0			+	+	
similar to chaperonin containing TCP1, subunit 3 (gamma) (LOC115637), mRNA	XM_044127.4	2	2	0					
similar to CMRF35 leukocyte immunoglobulin-like receptor; CMRF35 antigen (H. sapiens) (LOC124599), mRNA	XM_064218.1	2	2	0					
similar to constitutive photomorphogenic protein 1 (Arabidopsis) (FLJ10416), mRNA	XM_040554.3	2	1	1					
Similar to cyclin-dependent kinase inhibitor 1B (p27, Kip1), clone MGC:5304 IMAGE:3458141,	Hs.238990	1	0	1	+	+	+	+	+
similar to cyclin-E binding protein 1 (H. sapiens) (MGC14386), mRNA	Hs.14870	2	2	0					
Similar to cytochrome c-like antigen, clone MGC:2960 IMAGE:3139311,	Hs.253070	1	0	1					
similar to dJ1174N9.1 (novel protein with IBR domain) (H. sapiens) (LOC127544), mRNA	XM_059160.1	1	0	1					
similar to dJ492J12.1 (novel protein similar to zinc finger protein human immunodeficiency virus type I enhancer-binding protein 1 (HIVEP1)) (H. sapiens) (LOC128611), mRNA	XM_066058.1	2	2	0					
similar to embigin protein (H. sapiens) (LOC122220), mRNA	XM_058610.1	1	0	1					
similar to endothelial differentiation, sphingolipid G-protein-coupled receptor, 1; edg-1; sphingosine 1-phosphate receptor EDG1 (H. sapiens) (LOC127256), mRNA	XM_001499.4	2	2	0					
similar to envelope protein (LOC90408), mRNA	XM_031517.4	1	0	1					
Similar to glucosamine-6-sulfatases	AA347026	2	2	0	+	+	+	+	+
similar to GROWTH ARREST AND DNA-DAMAGE-INDUCIBLE PROTEIN GADD45 BETA (NEGATIVE GROWTH-REGULATORY PROTEIN MYD118) (MYELOID DIFFERENTIATION PRIMARY RESPONSE PROTEIN MYD118) (H. sapiens) (LOC126563), mRNA	XM_030485.2	1	1	0					
similar to HIGH-MOBILITY GROUP PROTEIN 2-LIKE 1 (HMGBCG PROTEIN) (LOC96789), mRNA	XM_038605.2	2	1	1					
similar to HSPC096 (H. sapiens) (LOC130916), mRNA	XM_059481.1	1	1	0					
Similar to HSPC159 protein, clone IMAGE:5301908, mRNA,	Hs.372208	1	0	1	+	+		+	+
similar to HT002 protein; hypertension-related calcium-regulated gene (H. sapiens) (LOC137594), mRNA	XM_035327.1	1	0	1					
similar to hypothetical protein (H. sapiens) (LOC119472), mRNA	XM_061510.1	1	0	1					
similar to hypothetical protein (H. sapiens) (LOC124272), mRNA	XM_064060.1	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
similar to hypothetical protein (H. sapiens) (LOC128108), mRNA	XM_058247.1	1	1	0					
similar to hypothetical protein (H. sapiens) (LOC130616), mRNA	XM_059455.1	1	1	0					
similar to hypothetical protein (H. sapiens) (LOC131827), mRNA	XM_059536.1	2	2	0					
similar to hypothetical protein (H. sapiens) (LOC147432), mRNA	XM_050683.1	1	1	0					
similar to hypothetical protein (LOC90354), mRNA	XM_031117.2	4	4	0					
Similar to hypothetical protein FLJ10883, clone IMAGE:3855861	Hs.60293	2	2	0	+	+	+	+	+
Similar to hypothetical protein FLJ11088, clone IMAGE:4663649, mRNA	BC018679.1	1	1	0	+	+	+	+	+
similar to hypothetical protein FLJ11296 (LOC115261), mRNA	XM_055586.2	2	2	0					
Similar to hypothetical protein FLJ11656, clone MGC:5247,	Hs.96560	4	4	0	+	+		+	+
Similar to hypothetical protein FLJ13204, clone MGC:9531 IMAGE:3919665, mRNA,	Hs.180549	3	3	0	+	+	+	+	+
similar to hypothetical protein FLJ13520 (LOC90194), mRNA	XM_029824.1	1	1	0					
similar to hypothetical protein FLJ14494 (H. sapiens) (LOC132089), mRNA	XM_059553.1	1	0	1					
Similar to hypothetical protein FLJ20489, clone IMAGE:3163484, mRNA /cds=UNKNOWN /gb=BC000560	Hs.112198	1	0	1	+	+	+		+
similar to hypothetical protein FLJ20546 (H. sapiens) (LOC134354), mRNA	XM_041599.1	2	2	0					
similar to hypothetical protein FLJ20730 (H. sapiens) (LOC131453), mRNA	XM_003102.3	1	0	1					
similar to hypothetical protein FLJ21324 (LOC115377), mRNA	XM_012987.4	1	1	0					
Similar to hypothetical protein FLJ21977, clone MGC:2675 IMAGE:2819402	Hs.351864	1	1	0					
similar to hypothetical protein FLJ22347 (H. sapiens) (LOC120683), mRNA	XM_071721.1	1	1	0					
Similar to hypothetical protein FLJ22376, clone MGC:16044 IMAGE:3610443,	Hs.258494	4	3	1	+			+	+
similar to hypothetical protein FLJ22501 (LOC95477), mRNA	XM_031882.3	1	1	0					
Similar to hypothetical protein FLJ22955, clone MGC:4048 IMAGE:2822306,	Hs.83097	1	1	0	+	+		+	+
Similar to hypothetical protein MGC10526, clone IMAGE:4133906, mRNA	BC016741.1	1	0	1	+	+	+	+	+
similar to hypothetical protein MGC4595 (H. sapiens) (LOC127379), mRNA	XM_060452.1	2	2	0					
similar to hypothetical protein MNCb-2386 (MGC17544),	Hs.301756	4	3	1	+	+	+	+	+
Similar to hypothetical protein PRO1722, clone MGC:15692 IMAGE:3351479,	Hs.231444	1	0	1		+		+	+
similar to hypothetical protein PRO2822 (LOC93496), mRNA	XM_051698.1	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
similar to interleukin 9 receptor (H. sapiens) (LOC124079), mRNA	XM_063978.1	1	0	1					
Similar to itchy (mouse homolog) E3 ubiquitin protein ligase, clone MGC:20230 IMAGE:4560366, mRNA, complete cds	D11571.1 BC011	3	2	1		+	+	+	+
similar to KIAA1023 protein (H. sapiens) (LOC155179), mRNA	XM_088169.1	1	1	0					
similar to KIAA1391 protein (H. sapiens) (LOC135088), mRNA	XM_059744.1	4	4	0					
similar to KIAA1607 protein (H. sapiens) (LOC159494), mRNA	XM_089621.1	1	0	1					
similar to LD31969p (LOC91690), mRNA	XM_040043.2	1	1	0					
similar to LD46863p (H. sapiens) (LOC136772), mRNA	XM_059862.2	1	1	0					
Similar to likely ortholog of yeast ARV1, clone IMAGE:3920373, mRNA	BC014914.1	1	0	1		+	+	+	+
similar to lipase A precursor; Lipase A, lysosomal acid, cholesterol esterase (H. sapiens) (LOC118930), mRNA	XM_061214.1	1	0	1					
similar to lymphocyte antigen 95 (activating NK-receptor ; NK-p44); lymphocyte antigen 95 (mouse) homolog (activating NK-receptor; NK-p44); lymphocyte antigen 95 (activating NK-receptor; NK-p44) (H. sapiens) (LOC135746), mRNA	XM_069515.1	1	1	0					
similar to macrophage expressed gene 1 (H. sapiens) (LOC120734), mRNA	XM_062217.1	1	1	0					
Similar to mitochondrial ribosomal protein L1, clone IMAGE:4284885, mRNA	BC017765.1	1	1	0	+	+	+	+	+
similar to mouse Glt3 or D. malanogaster transcription factor IIB (AF093680), mRNA	XM_048030.1	1	1	0					
similar to MYELIN P0 PROTEIN PRECURSOR (MYELIN PROTEIN ZERO) (MYELIN PERIPHERAL PROTEIN) (MPP) (H. sapiens) (LOC120425), mRNA	XM_058463.1	10	6	4					
Similar to myosin regulatory light chain 2, smooth muscle isoform, clone MGC:3505 IMAGE:3608316, mRNA, complete cds	BC002648.1	1	0	1	+	+	+	+	+
Similar to nasopharyngeal carcinoma susceptibility protein, clone IMAGE:5018419, mRNA	BC025283.1	1	1	0	+	+		+	+
similar to novel protein similar to archaeal, yeast and worm N2,N2-dimethyl; novel protein similar to archaeal, yeast and worm N2,N2-dimethylguanosine tRNA methyltransferase (H.sapiens) (LOC127512), mRNA	XM_051868.2	1	1	0					
similar to nucleoporin 50kD; nuclear pore-associated protein 60L (H. sapiens) (LOC129192), mRNA	XM_017142.3	1	1	0					
Similar to osa, clone IMAGE:3866722, mRNA	BC014681.1	1	1	0			+	+	+
similar to peptide/histidine transporter (H. sapiens) (LOC121260), mRNA	XM_058546.1	2	1	1					
Similar to peroxisomal biogenesis factor 6	Hs.381773	1	0	1					
Similar to pleckstrin homology, Sec7 and coiled/coiled domains 4, clone MGC:22267 IMAGE:4691010, mRNA	Hs.304361	2	2	0					
Similar to poils aux pattes, clone IMAGE:3445362, mRNA	BC013065.1	1	0	1					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
similar to programmed cell death 2 (H. sapiens) (LOC120495), mRNA	XM_062071.1	2	2	0					
Similar to proline-rich protein 48	AA419597	1	1	0	+	+	+		+
Similar to proline-serine-threonine phosphatase-interacting protein 2, clone MGC:9914 IMAGE:3871158, mRNA,	Hs.334927	1	0	1					
similar to proteoglycan 3 (megakaryocyte stimulating factor, articular superficial zone protein) (H. sapiens) (LOC126365), mRNA	XM_065048.1	1	1	0					
similar to putative (H. sapiens) (LOC119392), mRNA	XM_058397.1	1	1	0					
similar to putative (H. sapiens) (LOC125008), mRNA	XM_058887.1	1	0	1					
similar to putative (H. sapiens) (LOC126004), mRNA	XM_058959.1	3	0	3					
similar to putative (H. sapiens) (LOC126432), mRNA	XM_059046.1	1	1	0					
similar to putative (H. sapiens) (LOC126671), mRNA	XM_059064.1	1	1	0					
similar to putative (H. sapiens) (LOC127556), mRNA	XM_059154.1	2	1	1					
similar to putative (H. sapiens) (LOC128262), mRNA	XM_059227.1	1	1	0					
similar to putative (H. sapiens) (LOC129401), mRNA	XM_059351.1	1	0	1					
similar to putative (H. sapiens) (LOC131328), mRNA	XM_067324.1	1	0	1					
similar to putative (H. sapiens) (LOC132321), mRNA	XM_059585.1	1	1	0					
similar to putative (H. sapiens) (LOC134266), mRNA	XM_059701.1	1	1	0					
similar to putative (H.sapiens) (LOC132321), mRNA	XM_059585.1	1	0	1					
similar to putative (LOC91408), mRNA	XM_038290.4	1	1	0					
similar to PUTATIVE C10 PROTEIN (LOC113246), mRNA	XM_053988.3	1	1	0					
similar to putative renal organic anion transporter 1 (H. sapiens) (LOC119898), mRNA	XM_061724.1	1	0	1					
Similar to RAB37, member of RAS oncogene family, clone MGC:21391 IMAGE:4520191, mRNA,complete cds	Hs.147066	2	2	0					
similar to ras-like protein (LOC116233), mRNA	XM_057670.1	1	0	1					
similar to rat tricarboxylate carrier-like protein (BA108L7.2),	Hs.283844	1	1	0	+	+	+	+	+
Similar to Rec8p, a meiotic recombination and sister chromatid cohesion phosphoprotein of the rad21p family, clone MGC:950 IMAGE:3535425, mRNA, complete cds	BC010887.1	1	0	1	+	+	+	+	+
similar to ribosomal protein L23a (LOC91294), mRNA	XM_037522.2	1	1	0					
Similar to RIKEN cDNA 1100001L14 gene, clone IMAGE:4100291, mRNA, partial cds	AA429042	1	0	1	+	+	+	+	+
Similar to RIKEN cDNA 1110060O18 gene, clone MGC:17236 IMAGE:3864137,	Hs.294143	2	2	0	+	+	+	+	+
Similar to RIKEN cDNA 1700023O11 gene, clone MGC:9837 IMAGE:3863665, mRNA,	Hs.110407	1	1	0	+	+	+	+	+
Similar to RIKEN cDNA 1810038N03 gene, clone MGC:9890 IMAGE:3868437,	Hs.336898	1	0	1	+				+
similar to RIKEN cDNA 2310041H06 gene (H. sapiens) (LOC131870), mRNA	XM_059544.1	1	1	0					
Similar to RIKEN cDNA 2410153K17 gene, clone MGC:19595 IMAGE:3840843, mRNA,	Hs.77876	1	0	1	+	+	+	+	+
Similar to RIKEN cDNA 2600015J22 gene, clone MGC:17894 IMAGE:3909362,	Hs.301342	4	4	0	+		+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Similar to RIKEN cDNA 2810049G06 gene, clone MGC:27266 IMAGE:4618779,	Hs.352040	1	1	0					
similar to RIKEN cDNA 3830408P04 gene (LOC90190), mRNA	XM_029758.2	1	1	0					
Similar to RIKEN cDNA 3930401K13 gene, clone IMAGE:3454556,	Hs.331584	1	1	0					
Similar to RIKEN cDNA 4932417P04 gene, clone MGC:20706 IMAGE:2988591,	Hs.4783	3	3	0	+	+	+	+	+
similar to RNA polymerase B transcription factor 3	Hs.93748	1	0	1	+	+	+	+	+
similar to <i>S. cerevisiae</i> SSM4	AB011169	1	1	0	+		+		
Similar to selectively expressed in embryonic epithelia protein-1, clone MGC:4220 IMAGE:2958307, mRNA, complete cds	BC003163.1	1	1	0					
similar to SER/THR-RICH PROTEIN T10 IN DGCR REGION (<i>H. sapiens</i>) (LOC128989), mRNA	XM_059310.1	1	1	0					
Similar to serine threonine kinase pim3, clone IMAGE:3849174, mRNA	BC017083.1	1	0	1	+	+	+	+	+
similar to small nuclear ribonucleoprotein polypeptide G (<i>H.</i> (LOC130932), mRNA	XM_016287.2	1	0	1					
Similar to SNARE Vti1a-beta protein, clone MGC:9292 IMAGE:3885564,	Hs.189575	1	0	1				+	+
Similar to spermidine/spermine N1-acetyl transferase, clone MGC:19712 IMAGE:3534187, mRNA,	Hs.10846	1	1	0	+	+	+	+	+
Similar to splicing factor, arginine/serine-rich 2 (SC-35), clone MGC:2622 IMAGE:3501687, mRNA,	Hs.155160	1	1	0	+	+	+	+	+
Similar to steroid dehydrogenase homolog, clone MGC:13329 IMAGE:4281565, mRNA,	Hs.132513	1	1	0		+			
Similar to thioredoxin domain-containing mRNA sequence	Hs.24766	1	0	1	+		+	+	+
Similar to transcription elongation factor A (SII)-like 1, clone MGC:5012 IMAGE:3452909, mRNA, complete cds	BC000809.1	1	0	1	+		+	+	+
Similar to transforming growth factor beta regulated gene 1, clone IMAGE:4500659, mRNA	BC018452.1	1	0	1	+	+	+	+	+
similar to ubiquitin-conjugating enzyme E2E 1 (homologous to yeast UBC4/5); Ubch6 (LOC94682), mRNA	XM_002869.5	1	1	0					
similar to ubiquitously transcribed tetratricopeptide repeat gene, Y chromosome; Ubiquitously transcribed TPR gene on Y chromosome (LOC145453), mRNA	XM_085120.1	1	1	0					
similar to uncharacterized bone marrow protein BM042 (<i>H. sapiens</i>) (LOC139937), mRNA	XM_045766.2	2	2	0					
similar to uncharacterized hypothalamus protein HT011 (<i>H. sapiens</i>) (LOC143382), mRNA	XM_049759.2	1	1	0					
similar to Unknown (protein for IMAGE:3155889) (<i>H. sapiens</i>) (LOC135123), mRNA	XM_069189.1	1	1	0					
similar to Unknown (protein for MGC:10295) (<i>H. sapiens</i>) (LOC119862), mRNA	XM_058426.1	1	0	1					
similar to Unknown (protein for MGC:16924) (LOC113007), mRNA	XM_053605.3	2	2	0					
similar to Unknown (protein for MGC:20235) (LOC113277), mRNA	XM_054024.2	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
similar to unnamed protein product (H. sapiens) (LOC122775), mRNA	XM_052710.2	1	1	0					
similar to unnamed protein product (H. sapiens) (LOC123833), mRNA	XM_042287.2	1	1	0					
similar to unnamed protein product (LOC119521), mRNA	XM_058401.2	1	1	0					
similar to unnamed protein product (LOC146435), mRNA	XM_085465.1	1	1	0					
similar to unnamed protein product (LOC90289), mRNA	XM_030714.1	1	0	1					
similar to uterine protein (LOC90410), mRNA	XM_031534.2	2	2	0					
similar to utrophin; dystrophin-related protein (H. (LOC134949), mRNA	XM_018017.5	1	0	1					
similar to vaccinia virus HindIII K4L ORF	U60644	2	2	0	+	+	+	+	+
similar to yeast BET3 (S. cerevisiae)	AF041432	3	3	0	+	+	+	+	+
similar to yeast Upf3, variant A(UPF3A),	Hs.274412	1	1	0					
Similar to zinc finger protein 132 (clone pHZ-12), clone IMAGE:3535599, mRNA	BC005167.1	1	1	0	+	+	+	+	+
similar to zinc transporter like 2 (LOC148867), mRNA	XM_086345.1	1	1	0					
Similar to ZYG homolog, clone IMAGE:3138356, mRNA, partial cds	BC001447.1	1	0	1	+	+	+	+	+
Single Ig IL-1R-related molecule	AA923298	1	1	0	+		+	+	+
Single-stranded-DNA-binding protein	H59375	4	4	0	+	+	+	+	+
Sirtuin (silent mating type information regulation 2, S.cerevisiae, homolog) 2	AA297721	2	2	0	+	+	+	+	+
sirtuin silent mating type information regulation 2 homolog 5 (S. cerevisiae) (SIRT5), transcript variant 1, mRNA	NM_012241.2	2	2	0	+	+	+	+	+
Sjogren syndrome antigen A1 (52kD, ribonucleoprotein autoantigen SS-A/Ro)	M62800	3	3	0	+	+	+	+	+
SKAP55 homologue	AF051323	7	5	2	+	+	+	+	+
skb1 (S. pombe) homolog	AF015913	2	2	0	+	+	+	+	+
SKIP for skeletal muscle and kidney enriched inositol phosphatase	U45973	1	1	0	+	+	+	+	+
SM-20 (C1orf12) gene, exons 2-5, and complete cds	AF246631.1	1	0	1					
SM22 (=D21261 hypothetical protein (KIAA0120)) (non-exact, 65%)	M83106	1	1	0	+	+	+	+	+
SMA4	X83300	1	1	0					
smad-interacting protein-1 gene, partial cds	AY029472.1	1	0	1					
small acidic protein(IMAGE145052)	NM_014267	5	4	1	+	+	+	+	+
small cytoplasmic 7SL RNA (7L30.1)	X04249	1	1	0					
Small EDRK-rich factor 2	C17648	2	2	0	+	+	+	+	+
small GTP-binding protein (RAB1B),	Hs.300816	1	1	0	+	+	+	+	+
small inducible cytokine A5 (RANTES)	M21121	2	2	0			+	+	+
small inducible cytokine subfamily C, member 2	D63789	1	1	0					
small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating)	U10117	2	2	0	+	+	+	+	+
Small membrane protein 1	AA159988	4	3	1	+	+	+	+	+
small nuclear ribonucleoprotein polypeptide B"	M15841	2	2	0	+	+	+	+	+
small nuclear ribonucleoprotein polypeptide N	J04615	4	4	0	+	+	+	+	+
small nuclear ribonucleoprotein polypeptides B and B1	J04564	3	3	0	+	+	+	+	+
small nuclear rna (snrna) (clone pu1-6)	K00529	1	0	1					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
small nuclear RNA activating complex, polypeptide 3, 50kD	U71300	2	1	1	+		+		+
small nuclear RNA activating complex, polypeptide 5, 19kD	AF093593	1	1	0		+		+	+
SMAP-1b, =Hypothetical protein IRO039700	AB014736.1	2	2	0	+	+	+	+	+
SMARCA4 isoform(SMARCA4) gene, complete cds, alternatively spliced	AF254822	2	2	0					
SMART/HDAC1 associated repressor protein (SHARP), mRNA /cds	Hs.184245	1	1	0	+	+	+	+	+
SMC (mouse) homolog, X chromosome	L25270	1	1	0	+	+	+	+	+
SMC1 (structural maintenance of chromosomes 1, yeast)-like 1	S78271	1	0	1	+	+	+	+	+
SMC4 (structural maintenance of chromosomes 4, yeast)-like 1	AF092564	4	3	1	+	+	+	+	+
SMT3 (suppressor of mif two 3, yeast) homolog 2	X99585	3	2	1	+	+	+	+	+
SNARE protein	AA167715	2	2	0	+	+	+	+	+
Snf2-related CBP activator protein	AB002307	1	1	0	+	+	+	+	+
soc-2 (suppressor of clear, C.elegans) homolog	AF054828	3	2	1	+	+	+	+	+
SOCS box containing protein RAR2A (RAR2A), mRNA	XM_088733.1	1	1	0					
SOD-2 gene for manganese superoxide dismutase	X65965.1	1	0	1					
solute carrier family 1 (neutral amino acid transporter), member 5	U53347	2	2	0	+	+	+	+	+
solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1	D50402	12	8	4	+				+
Solute carrier family 11 (proton-coupled divalent metal ion transporters), member 3	AA490669	5	5	0	+	+	+	+	+
solute carrier family 12 (sodium/potassium/chloride transporters), member 2	U30246	1	0	1				+	+
solute carrier family 17 (sodium phosphate), member 3	U90545	1	1	0			+	+	
solute carrier family 19 (folate transporter), member 1	U17566	1	1	0	+	+	+	+	+
solute carrier family 2 (facilitated glucose transporter), member 1	K03195	1	1	0	+	+	+	+	+
Solute carrier family 2 (facilitated glucose transporter), member 3	M20681	6	3	3	+	+	+	+	+
solute carrier family 2 (facilitated glucose transporter), member 5 (SLC2A5)	NM_003039	1	0	1	+		+		
solute carrier family 2 (facilitated glucose transporter), member 6 (SLC2A6),	Hs.244378	1	1	0	+				+
solute carrier family 2 (facilitated glucose transporter), member 9 (SLC2A9),	Hs.95497	1	1	0	+		+	+	+
solute carrier family 20 (phosphate transporter), member 1	L20859	1	1	0	+	+	+	+	+
solute carrier family 21 (organic anion transporter), member 11 (SLC21A11), mRNA	Hs.14805	1	0	1	+	+		+	+
solute carrier family 23 (nucleobase transporters), member 1	D87075	4	3	1	+	+	+	+	+
solute carrier family 25 (carnitine/acylcarnitine translocase), member 20	Y10319	1	1	0	+	+	+	+	+
Solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5	NM_001152	8	7	1	+	+	+	+	+
Solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6	J03592	6	5	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11	AF070548	1	1	0	+	+	+	+	+
solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3	X60036	5	5	0	+	+	+	+	+
solute carrier family 26, member 3	P40879	1	1	0					
solute carrier family 28 (sodium-coupled nucleoside transporter), member 3 (SLC28A3),	Hs.306216	1	0	1					
solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2	J02939	3	3	0	+	+	+	+	+
solute carrier family 3 (cystine, dibasic and neutral amino acid transporters, activator of cystine, dibasic and neutral amino acid transport), member 1	L11696	1	0	1	+	+	+	+	+
Solute carrier family 31 (copper transporters), member 2	NM_001860	5	4	1	+		+	+	+
solute carrier family 35 (CMP-sialic acid transporter), member 1 (SLC35A1)	NM_006416	2	1	1	+	+	+	+	+
solute carrier family 38, member 1=Amino acid transporter system A1	R66556	3	3	0	+	+	+	+	+
Solute carrier family 38, member 2=Amino acid transporter 2	AI078756	5	3	2	+	+	+	+	+
Solute carrier family 4 (anion exchanger), member 1, adapter protein	AA399326	1	0	1	+	+	+	+	+
solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1)	X62137	1	1	0	+	+	+	+	+
Solute carrier family 4, sodium bicarbonate cotransporter, member 7	AA227419	3	2	1	+	+		+	+
solute carrier family 4, sodium bicarbonate cotransporter, member 8	AB018282	1	1	0	+				
solute carrier family 7 (cationic amino acid transporter, y system), member 6 mRNA sequence	Hs.10315	2	0	2	+	+		+	+
solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	M80244	3	3	0	+	+		+	+
solute carrier family 7 (cationic amino acid transporter, y+ system), member 6	4507052	5	4	1	+	+		+	+
Solute carrier family 7, member 7=amino acid transporter (SLC7A7) =	Y18474	5	2	3	+	+	+	+	+
solute carrier family 9 (sodium/hydrogen exchanger), isoform 6	AF030409	1	1	0	+	+	+	+	+
SON DNA binding protein	X63753	2	2	0	+	+	+	+	+
Son of sevenless (Drosophila) homolog 1	AA713949	3	3	0	+	+	+	+	+
SON PROTEIN (SON3)	P18583	1	0	1					
sorcin	M32886	1	1	0	+	+	+	+	+
sortilin 1	X98248	4	4	0					
sortilin-related receptor, L(DLR class) A repeats-containing (SORL1)	NM_003105	9	7	2	+		+	+	+
sorting nexin 1	U53225	2	2	0					
sorting nexin 10 (SNX10), mRNA	Hs.106260	1	1	0	+		+	+	+
Sorting nexin 14	AF121863	1	0	1		+	+	+	+
sorting nexin 17	D31764	1	1	0	+	+	+	+	+
sorting nexin 2	AF043453	3	3	0					
Sorting nexin 5	AA359161	2	2	0	+	+	+	+	+
sorting nexin 6	AF121856	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
Sp3 transcription factor	M97191	6	5	1		+	+	+	+
spastic paraplegia 4 (autosomal dominant; spastin)	AJ246003	1	0	1					
special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's)	M97287	4	2	2	+	+	+	+	+
specific granule protein (28 kDa); cysteine-rich secretory protein-3	X94323	3	0	3					
speckle-type POZ protein	AJ000644	5	5	0	+	+	+	+	+
spectrin SH3 domain binding protein 1	U87166	6	6	0	+	+	+	+	+
spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)	J05243	3	3	0	+		+	+	+
sperm associated antigen 9	AA021451	1	1	0	+	+	+	+	+
spermidine/spermine N1-acetyltransferase	M77693	21	15	6	+	+	+	+	+
spermine synthase	AD001528	1	1	0	+	+	+	+	+
S-phase kinase-associated protein 2 (p45)	R74219	1	0	1				+	
sphingomyelin phosphodiesterase 1, acid lysosomal (acid sphingomyelinase)	X52679	1	1	0	+	+	+	+	+
spindle pole body protein, clone MGC:12669 IMAGE:4137255, mRNA, complete cds	BC007763.1	1	1	0	+	+	+	+	+
Spindlin	AA348663	1	0	1	+	+	+	+	+
spindlin-like	Q99865	1	1	0					
spinocerebellar ataxia 1 (olivopontocerebellar ataxia 1, autosomal dominant, ataxin 1)	X79204	3	3	0					
spinocerebellar ataxia 2 (olivopontocerebellar ataxia 2, autosomal dominant, ataxin 2)	U70323	1	1	0	+	+	+	+	+
Spinocerebellar ataxia 7 (olivopontocerebellar atrophy with retinal degeneration)	H60518	3	3	0	+	+	+	+	+
Spleen tyrosine kinase	AA313814	1	0	1				+	+
splicing factor (CC1.3)(CC1.3)	NM_004902	6	3	3	+	+	+	+	+
splicing factor 3a, subunit 3, 60kD (SF3A3), mRNA	XM_010539.4	4	3	1					
splicing factor 3b, subunit 1, 155kD (SF3B1), mRNA	XM_038972.3	2	0	2					
Splicing factor 3b, subunit 2, 145kD	NM_006842	5	4	1					
splicing factor 3b, subunit 3, 130kD	D87686	3	3	0	+	+	+	+	+
splicing factor proline/glutamine rich (polypyrimidine tract-binding protein-associated) (SFPQ)	NM_005066	4	2	2	+	+	+	+	+
splicing factor SF1	AJ000052	1	0	1					
splicing factor similar to dnaJ (SPF31),	Hs.74711	1	1	0					
splicing factor, arginine/serine-rich (transformer 2 Drosophila homolog) 10	U68063	2	2	0	+	+	+	+	+
SPLICING FACTOR, ARGININE/SERINE-RICH 1 (PRE-MRNA SPLICING FACTOR SF2,P33 SUBUNIT) (ALTERNATIVE SPLICING FACTOR ASF-1)	Q07955	1	0	1					
splicing factor, arginine/serine-rich 1 (splicing factor 2, alternate splicing factor)	M72709	4	3	1	+	+	+	+	+
splicing factor, arginine/serine-rich 11	M74002	6	6	0	+	+	+	+	+
splicing factor, arginine/serine-rich 2	Hs.73965	1	0	1	+	+	+	+	+
splicing factor, arginine/serine-rich 2, interacting protein	Y11251	5	5	0	+	+	+	+	+
splicing factor, arginine/serine-rich 3	AF107405	6	4	2	+	+	+	+	+
splicing factor, arginine/serine-rich 5	U30884	11	9	2	+	+	+	+	+
Splicing factor, arginine/serine-rich 6	AA626924	2	2	0	+	+	+	+	+
splicing factor, arginine/serine-rich 7 (35kD)	L22253	7	5	2	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
splicing factor, arginine/serine-rich 8 (suppressor-of-white-apricot, Drosophila homolog)	U08377	2	1	1	+	+	+	+	+
spondyloepiphyseal dysplasia, late (SEDL), mRNA	Hs.174038	1	1	0	+	+	+	+	+
Sprouty (Drosophila) homolog 4	AA164729	2	1	1			+	+	+
src homology 3 domain-containing protein HIP-55 (HIP-55), mRNA	Hs.183373	2	1	1	+	+	+	+	+
Src-like adapter protein-2 (SLAP-2),	Hs.334489	1	1	0	+			+	+
Src-like-adapter	D89077	17	12	5	+	+	+	+	+
SREBP CLEAVAGE-ACTIVATING PROTEIN	D83782	1	0	1	+	+	+		+
SRp25 nuclear protein	AA486219	1	1	0					
stannin	AF070673	4	2	2	+	+	+	+	+
STAT induced STAT inhibitor 3	AB004904	1	1	0	+		+	+	+
Ste-20 related kinase	AF017635	1	1	0	+	+	+	+	+
Ste20-related serine/threonine kinase	D86959	2	1	1	+	+	+	+	+
Stearoyl-CoA desaturase (delta-9-desaturase)	AF097514	1	0	1	+	+	+	+	+
step II splicing factor SLU7	AF101074	5	5	0	+		+	+	+
steroid dehydrogenase homolog(LOC51144),	Hs.279617	1	1	0	+	+	+	+	+
steroid sulfatase (microsomal), arylsulfatase C, isozyme S	J04964	2	2	0	+	+	+	+	+
steroidogenic acute regulatory protein related	X80198	1	1	0	+	+	+	+	+
sterol carrier protein 2	M75884	5	1	4	+	+	+	+	+
sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) 1	L21934	1	1	0	+	+	+	+	+
Stimulated trans-acting factor (50 kDa)	AA360721	9	8	1		+	+	+	+
Stratifin	AF029081	1	0	1					
stress 70 protein chaperone, microsome-associated, 60kD	U04735	1	1	0	+	+	+	+	+
Stress-associated endoplasmic reticulum protein 1; ribosome associated membrane protein 4	N28829	1	1	0	+	+	+	+	+
stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)	M86752	3	2	1	+	+	+	+	+
STRIN protein	AI608790	1	0	1	+	+	+	+	+
stromal antigen 2 (STAG2),	Hs.8217	3	2	1	+	+	+	+	+
Stromal cell protein	AA311766	1	1	0			+	+	+
stromal interaction molecule 1	U52426	3	3	0	+	+	+	+	+
structure specific recognition protein 1	M86737	1	1	0	+	+	+	+	+
STs, Weakly similar to I38022 hypothetical protein [H.sapiens]	AA311027	1	1	0		+	+		+
succinate dehydrogenase complex, subunit A, flavoprotein (Fp)	D30648	7	6	1	+	+	+	+	+
succinate dehydrogenase complex, subunit B, iron sulfur (Ip)	U17248	1	1	0	+	+	+	+	+
succinate dehydrogenase complex, subunit C, integral membrane protein, 15kD	U57877	1	1	0	+	+	+	+	+
succinate dehydrogenase complex, subunit D, integral membrane protein	AB006202	5	4	1	+	+	+	+	+
succinate-CoA ligase, GDP-forming, alpha subunit	AF104921	2	1	1	+	+	+	+	+
succinate-CoA ligase, GDP-forming, beta subunit	AF058954	1	1	0	+	+	+	+	+
succinyl-CoA synthetase beta subunit	L06944	1	1	0					
sudD (suppressor of bimD6, Aspergillus nidulans) homolog	AF013591	3	2	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1	L19999	3	2	1	+		+	+	+
sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3	U20499	2	2	0					
SUMO-1 activating enzyme subunit 1	AF090385	2	2	0	+	+	+	+	+
SUMO-1 activating enzyme subunit 2(UBA2),	Hs.4311	1	1	0	+	+	+	+	+
SUMO-1-specific protease	AB018340	1	0	1	+	+	+	+	+
superkiller viralicidic activity 2 (S. cerevisiae homolog)-like	X98378	1	1	0					
superoxide dismutase 1, soluble (amyotrophic lateral sclerosis 1 (adult))	X02317	4	4	0	+	+	+	+	+
Superoxide dismutase 2, mitochondrial	NM_000636	18	6	12	+	+	+	+	+
supervillin	AF051851	4	2	2		+	+	+	+
Suppression of tumorigenicity 13 (colon carcinoma) (Hsp70-interacting protein)	U17714	3	2	1	+	+	+	+	+
suppression of tumorigenicity 14 (colon carcinoma, matriptase, epithin)	U20428	1	1	0					
suppression of tumorigenicity 16 (melanoma differentiation)	U16261	1	1	0				+	
suppression of tumorigenicity 5	U15131	3	3	0	+		+	+	+
suppressor of actin 1 (SAC1),	Hs.5867	1	1	0	+	+	+	+	+
Suppressor of S. cerevisiae gcr2	AA306721	1	1	0	+	+	+	+	+
suppressor of Ty (S.cerevisiae) 3 homolog	AF064804	1	1	0					
suppressor of Ty (S.cerevisiae) 4 homolog 1	U38817	2	2	0	+	+	+	+	+
suppressor of Ty (S.cerevisiae) 5 homolog	U56402	3	3	0	+	+	+	+	+
suppressor of Ty (S.cerevisiae) 6 homolog	U46691	3	3	0					
suppressor of variegation 3-9 (Drosophila) homolog 1	AF019968	1	1	0	+	+	+	+	+
surfeit 4 (SURF4), mRNA	NM_033161.2	1	1	0	+	+	+	+	+
surfeit 6, clone MGC:2367 IMAGE:2820773,	Hs.274430	2	2	0	+	+		+	+
surfeit locus (SURF@) on chromosome 9	NG_000837.1	1	1	0					
survival of motor neuron 1, telomeric	U18423	1	1	0	+	+	+	+	+
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1	M88163	1	1	0					
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (SMARCA2)	NM_003070	6	4	2	+	+	+	+	+
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	D26156	2	2	0	+	+	+	+	+
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	NP_003592	1	0	1					
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1 (SMARCA1), mRNA	Hs.16933	2	2	0		+	+	+	+
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	U66615	1	1	0	+	+	+	+	+
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2	U66616	6	5	1	+	+	+	+	+
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1	AF035262	5	5	0					
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily f, member 1	AB001895	1	1	0	+	+		+	+
synaptic nuclei expressed gene 1b	AB033088	2	1	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
synaptobrevin-like 1	X95803	2	1	1					
synaptotagmin 2B	AF039945	1	0	1	+	+	+	+	+
synaptosomal-associated protein, 23kD	U55936	4	3	1	+	+	+	+	+
syndecan binding protein (syntenin)	AF000652	30	16	14	+	+	+	+	+
synovial sarcoma, translocated to X chromosome	X79201	2	2	0	+	+	+	+	+
Syntaxin 11	AA291219	2	2	0	+	+	+		+
syntaxin 12 (STX12), mRNA	XM_039018.2	1	1	0					
Syntaxin 16	AL047428	3	2	1	+	+	+	+	+
syntaxin 3A	U32315	3	3	0	+	+	+	+	+
syntaxin 6	AJ002078	1	1	0	+	+	+	+	+
syntaxin binding protein 2	U63533	3	2	1	+	+	+	+	+
Syntaxin binding protein 3	AF032922	1	0	1	+	+	+	+	+
SYNTAXIN BINDING PROTEIN 3 (UNC-18 HOMOLOG 3) (UNC-18C)	O00186	1	1	0					
synuclein, alpha (non A4 component of amyloid precursor)	U46896	2	2	0					
T cell activation, increased late expression	NM_005816	6	4	2					+
T cell receptor alpha variable region (TCRAV10S2*01) (non-exact, 87%)	L09760	1	1	0					
T cell receptor beta locus	X74853	14	11	3	+	+	+	+	+
T cell receptor delta locus	M22197	8	8	0					
T cell receptor V alpha	X58740	3	3	0					
T54 protein	U66359	1	1	0	+	+	+	+	+
TAF9-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31 kD (TAF9L), mRNA	XM_041151.1	1	1	0					
tafazzin (cardiomyopathy, dilated 3A (X-linked); endocardial fibroelastosis 2; Barth syndrome)	X92763	1	1	0					
taln	AF078828	1	1	0	+	+	+	+	+
taln 1 (TLN1), mRNA /cds	Hs.18420	5	4	1					
TAN-1 (homologue of Drosophila Notch gene)	M73980	1	1	0	+	+	+	+	+
TANK-binding kinase 1; NF-kB-activating kinase	Hs.21712	1	0	1	+	+	+	+	+
tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase	AF082556	1	1	0	+	+	+	+	+
TAP1, TAP2, LMP2, LMP7 and DOB	X66401	1	1	0					
TAR DNA binding protein	U23731	10	9	1	+	+	+	+	+
TAR RNA binding protein 1; TAR RNA loop binding protein mRNA sequence	Hs.151518	1	0	1	+	+	+	+	+
TATA box binding protein (TBP)-associated factor, RNA polymerase II, D, 100kD	U80191	1	1	0		+		+	
TATA box binding protein (TBP)-associated factor, RNA polymerase II, F, 55kD	X97999	9	7	2	+	+	+	+	+
TATA box binding protein (TBP)-associated factor, RNA polymerase II, G, 32kD	U21858	2	2	0	+	+	+	+	+
TATA box binding protein (TBP)-associated factor, RNA polymerase II, I, 28kD	D63705	1	1	0	+	+	+	+	+
TATA-binding protein-binding protein	H38465	1	1	0	+	+	+	+	+
Tax1 (human T-cell leukemia virus type I) binding protein 1	U33821	7	4	3	+	+	+	+	+
T-box 2 (non-exact 77%)	U28049	1	1	0	+	+	+	+	+
TBP-associated factor 172	AJ001017	2	1	1	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
TcD37 homolog	Hs.78524	1	0	1	+	+	+	+	+
T-cell activation protein (PGR1),	Hs.285902	4	4	0					
T-cell leukemia translocation altered gene	L41143	1	1	0	+	+	+	+	+
Tcell leukemia/lymphoma 1	X82240	3	2	1				+	
T-cell receptor alpha	AE000660	3	3	0					
T-cell receptor alpha delta locus	AE000658	9	9	0					
T-cell receptor alpha enhancer-binding protein, short form	B39625	1	1	0					
T-cell receptor interacting molecule	AJ224878	4	3	1	+				+
T-cell, immune regulator 1	AF025374	4	4	0	+		+	+	+
TCF3 (E2A) fusion partner (in childhood Leukemia)	AA305254	1	1	0	+	+	+	+	+
T-complex 1	AA181146	1	1	0	+	+	+	+	+
t-complex-associated-testis-expressed 1-like 1 (TCTEL1), mRNA	XM_004384.5	2	0	2					
TCR eta =T cell receptor eta-exon [human, Genomic, 806 nt]	S94421	1	1	0					
telomeric DNA sequence (clone 6QTELO06, read 6QTELOO06.seq)	Z96648	1	1	0					
TERA protein	AC004472	3	3	0					
TERF1 (TRF1)-interacting nuclear factor 2	N32640	1	0	1	+	+	+	+	+
TESTIN 2 and TESTIN 3 genes, complete cds, alternatively spliced	AF260225.1	2	1	1					
testis cDNA clone:QtsA-13672, full insert sequence	AB070098.1	1	0	1					
testis enhanced gene transcript (BAX inhibitor 1)	AF033095	48	36	12	+	+	+	+	+
testis-specific poly(A)-binding protein 3	U68093	2	2	0					
tetracycline transporter-like protein	L11669	4	4	0	+	+	+		+
tetraspan 5	AF053455	1	0	1					
tetraspanin TM4-A	AF133423	1	0	1	+	+	+	+	+
tetratricopeptide repeat domain 1	U46570	1	1	0	+	+	+	+	+
tetratricopeptide repeat domain 3	D83077	2	1	1	+	+	+	+	+
tetratricopeptide repeat domain 4 (TTC4)	NM_004623	1	0	1	+	+	+	+	+
TGFB1-induced anti-apoptotic factor 1	D86970	1	1	0	+	+	+	+	+
TH1 drosophila homolog	AJ238379	3	1	2	+	+	+	+	+
thiamine pyrophosphokinase (TPK1)	Hs.58715	1	0	1			+	+	+
thiopurine S-methyltransferase	U12387	1	1	0	+		+	+	+
thioredoxin	Hs.432922	1	0	1	+	+	+	+	+
thioredoxin reductase 1	S79851	4	3	1	+	+	+	+	+
THIOREDOXIN-DEPENDENT PEROXIDE REDUCTASE PRECURSOR, mitochondrial (ANTI-OXIDANT PROTEIN 1) (AOP-1)	P30048	1	1	0					
thioredoxin-like	AJ010841	2	1	1	+	+	+	+	+
thioredoxin-like protein p19	NM_015913	1	0	1	+	+	+	+	+
threonyl-tRNA synthetase	M63180	3	3	0	+	+	+	+	+
thrombin inhibitor	Z22658	1	1	0	+	+	+	+	+
thrombomodulin	D00210	1	0	1					
Thrombospondin 1	NM_003246	3	2	1	+	+	+	+	+
thromboxane A synthase 1 (platelet, cytochrome P450, subfamily V)	M80647	2	2	0	+		+	+	+
thymine-DNA glycosylase	U51166	2	2	0	+	+	+	+	+
thymopoietin	U09088	2	0	2	+	+	+	+	+
thymosin, beta 10	M20259	3	3	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
thymosin, beta 4, X chromosome	M17733	59	32	27	+	+		+	+
thyroglobulin gene, partial cds; and Src-like adapter protein gene, complete cds, complete sequence	AF305872.1	2	0	2					
thyroid autoantigen 70kD (Ku antigen)	J04611	9	9	0	+	+	+	+	+
thyroid hormone receptor coactivating protein	AF016270	2	2	0	+	+	+	+	+
thyroid hormone receptor interactor 12	D28476	1	0	1	+	+	+	+	+
thyroid hormone receptor interactor 13	U96131	1	1	0	+	+		+	+
thyroid hormone receptor interactor 7	L40357	2	2	0	+	+	+	+	+
thyroid hormone receptor interactor 8	L40411	6	5	1	+		+		
thyroid hormone receptor-associated protein, 150 kDa subunit	AF117756	2	1	1	+	+	+	+	+
thyroid hormone receptor-associated protein, 240 kDa subunit (TRAP240), mRNA	Hs.11861	1	1	0	+	+	+	+	+
thyroid receptor interacting protein 15	L40388	3	3	0	+	+	+	+	+
TI-227H	D50525	7	4	3					
Tigger1 transposable element	U76377	2	2	0					
Tis11d gene	U07802	7	4	3					
tissue inhibitor of metalloproteinase 1 (erythroid potentiating activity, collagenase inhibitor)	X02598	3	3	0	+	+	+	+	+
tissue inhibitor of metalloproteinase 2	M32304	1	1	0	+	+	+	+	+
tissue specific transplantation antigen P35B	U58766	2	1	1	+	+	+	+	+
titin	X64697	3	3	0	+	+	+	+	+
TL132 protein	AJ012755	3	0	3	+		+	+	+
TLS-associated protein TASR-1	Hs.288038	1	1	0					
TM7XN1 GPR56 G protein-coupled receptor 56	Hs.6527	3	3	0	+	+	+	+	+
TNF receptor associated factor 5	U69108	1	0	1			+	+	+
TNF receptor-associated factor 1 (TRAF1)	NM_005658	2	1	1	+	+	+		+
TNF receptor-associated factor 2	U12597	1	1	0					
TNF receptor-associated factor 3	AF110908	2	1	1	+	+	+	+	+
TNF receptor-associated factor 6	U78798	1	1	0	+	+		+	+
Toll-interleukin 1 receptor (TIR) domain-containing adapter protein (TIRAP), mRNA	Hs.17681	1	1	0		+	+	+	+
toll-like receptor 1	U88540	5	1	4	+		+		+
toll-like receptor 2	U88878	3	2	1		+	+	+	+
toll-like receptor 4 (TLR4)	NM_003266	2	1	1	+			+	+
toll-like receptor 5	AF051151	3	1	2			+		
Toll-like receptor 8	NM_016610	2	1	1					
toll-like receptor 9 (TLR9),	Hs.87968	1	1	0					
topoisomerase (DNA) I	J03250	1	1	0	+	+	+	+	+
topoisomerase (DNA) II beta (180kD)	U96765	7	6	1					
topoisomerase (DNA) II binding protein (TOPBP1)	NM_007027	2	1	1	+	+	+	+	+
topoisomerase (DNA) III beta	AF125216	1	0	1	+	+			+
torsin family 1, member B (torsin B)	AF007872	2	1	1	+		+	+	+
tousled-like kinase 1	AB004885	1	1	0					
TPA regulated locus (TPARL),	Hs.236510	1	1	0		+	+	+	+
TRABID protein	H70274	1	1	0	+	+	+	+	+
TRAF and TNF receptor-associated protein (AD022),	Hs.46847	1	1	0	+	+	+	+	+
TRAF family member-associated NFKB activator	NM_004180	10	7	3	+	+	+	+	+
TRAM-like protein	D31762	1	1	0	+	+	+	+	+
transaldolase 1	L19437	9	5	4	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
transaldolase-related protein	AF010398	2	2	0					
transcobalamin I (vitamin B12 binding protein, R binder family) (TCN1)	NM_001062	3	0	3		+	+	+	+
transcobalamin II; macrocytic anemia	AF047576	1	1	0					
transcription elongation factor A (SII), 1	X62585	1	0	1	+			+	+
Transcription elongation factor B (SIII), polypeptide 1-like	NM_003197	4	2	2					
transcription elongation factor B (SIII), polypeptide 3 (110kD, elongin A)	L47345	2	2	0		+	+	+	+
transcription factor (SMIF gene)(HSA275986),	Hs.71414	2	2	0	+	+	+	+	+
transcription factor 12 (HTF4, helix-loop-helix transcription factors 4)	M83233	1	1	0	+	+	+	+	+
transcription factor 17	D89928	2	2	0	+		+	+	+
transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)	M65214	2	2	0	+	+	+	+	+
Transcription factor 4	NM_003199	3	2	1	+	+	+	+	+
transcription factor 6-like 1 (mitochondrial transcription factor 1-like)	M62810	2	2	0	+	+	+	+	+
transcription factor 7 (T-cell specific, HMG-box)	X59870	5	3	2			+	+	
transcription factor 7-like 2 (T-cell specific, HMG-box)	Y11306	1	1	0	+	+	+	+	+
transcription factor binding to IGHM enhancer 3	X96717	1	1	0	+	+	+	+	+
transcription factor Dp-1	L23959	1	0	1	+	+	+	+	+
transcription factor Dp-2 (E2F dimerization partner 2)	U18422	1	0	1	+	+	+	+	+
transcription factor Maf1	U56241	1	1	0					
transcription factor, E4TF1-47	D13316	1	1	0					
transcription factor, E4TF1-60	D13318	1	1	0	+	+	+	+	+
TRANSCRIPTION INITIATION FACTOR TFIID 135 KD SUBUNIT (TAFII-135) (non-exact, 55%)	O00268	1	1	0					
TRANSCRIPTION INITIATION FACTOR TFIID 31 KD SUBUNIT (TAFII-31) (TAFII-32)	Q16594	1	1	0					
transcriptional adaptor 2 (ADA2, yeast, homolog)-like	AF064094	1	1	0	+	+	+	+	+
Transcriptional adaptor 3 (ADA3, yeast homolog)-like (PCAF histone acetylase complex)	AA309897	1	1	0	+	+	+	+	+
transcriptional intermediary factor 1 (TIF1)	NM_015905	2	1	1					
Transcriptional intermediary factor 1 gamma	AA188749	1	1	0	+		+	+	+
transcriptional regulator protein (HCNGP)	NM_013260	3	2	1	+	+	+	+	+
transducin (beta)-like 1(TBL1)	NM_005647	3	2	1	+	+	+	+	+
transducin (beta)-like 3	U02609	1	1	0					
transducin-like enhancer of split 1, homolog of Drosophila E(sp1)	M99435	1	1	0	+	+	+	+	+
transducin-like enhancer of split 3, homolog of Drosophila E(sp1)	M99438	3	2	1	+		+	+	+
TRANSDUCIN-LIKE ENHANCER PROTEIN 3 (ESG3) (76% aa)	Q04726	1	0	1					
transferrin receptor (p90, CD71)	M11507	1	1	0	+	+	+	+	+
Transformation/transcription domain-associated protein.	NM_003496	2	1	1	+	+	+	+	+
transforming growth factor beta-stimulated protein TSC-22	U35048	6	3	3	+	+	+	+	+
transforming growth factor, beta receptor II (70-80kD)	D50683	4	4	0					
transforming growth factor, beta receptor III (betaglycan, 300kD)	L07594	1	1	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
transforming growth factor, beta-induced, 68kD	AC004503	6	4	2					
TRANSFORMING GROWTH FACTOR-BETA INDUCED PROTEIN IG-H3 PRECURSOR (BETA IG-H3)	Q15582	2	2	0					
transforming, acidic coiled-coil containing protein 1 (non-exact 70%)	AF049910	2	1	1	+	+	+	+	+
Transforming, acidic coiled-coil containing protein 3	NM_006342	1	0	1	+	+		+	+
transgelin 2	D21261	25	19	6	+	+	+	+	+
trans-golgi network glycoprotein (TGN) gene, exon 4, and complete cds	AF029316	1	0	1					
trans-Golgi network protein (46, 48, 51kD isoforms)	U62390	3	3	0	+	+	+	+	+
transient receptor potential channel 1	X89066	1	1	0	+	+	+		
Transketolase (Wernicke-Korsakoff syndrome)	AI346980	17	12	5	+	+	+	+	+
translation factor sui1 homolog	AF064607	2	1	1	+	+	+	+	+
translin	X78627	3	3	0	+	+	+	+	+
translin-associated factor X	X95073	1	1	0	+	+	+	+	+
translin-like protein (TRAX) gene, exons 4, 5, 6, and complete cds	AF271269.1	1	1	0					
translocase of inner mitochondrial membrane 17 (yeast) homolog A	X97544	4	4	0	+	+	+	+	+
translocase of outer mitochondrial membrane 20 (yeast) homolog	D13641	3	1	2	+	+	+	+	+
translocase of outer mitochondrial membrane 34	U58970	1	1	0	+	+	+	+	+
translocase of outer mitochondrial membrane 70 (yeast) homolog A (TOMM70A),	Hs.21198	1	1	0	+	+	+	+	+
translocation protein 1	U93239	3	0	3	+	+	+	+	+
translocation T(4:11) of ALL-1 gene to chromosome 4	L04731	1	0	1	+	+	+	+	+
transmembrane 9 superfamily member 1 (TM9SF1),	Hs.91586	1	0	1	+	+	+	+	+
transmembrane 9 superfamily member 2	U81006	3	3	0	+	+	+	+	+
Transmembrane phosphatase with tensin homology	D79870	1	1	0	+	+	+	+	+
transmembrane protein (63kD), endoplasmic reticulum/Golgi intermediate compartment	X69910	4	2	2	+	+	+	+	+
Transmembrane protein 1	U61500	5	1	4		+	+	+	+
transmembrane protein 2	AF137030	1	0	1		+	+	+	+
TRANSMEMBRANE PROTEIN SEX PRECURSOR (non-exact 65%)	P51805	1	1	0					
Transmembrane protein vezatin; hypothetical protein DKFZp761C241	AA187106	3	2	1	+	+	+	+	+
transmembrane proteolipid; chemokine-like factor 3, alternatively spliced; chemokine-like factor, alternatively spliced mRNA sequence	Hs.15159	1	0	1	+	+	+	+	+
transmembrane trafficking protein	U61734	5	5	0					
transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	L21208	7	5	2	+	+	+	+	+
transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	U07844	1	1	0	+	+	+	+	+
transporter protein; system N1 Na ⁺ and H ⁺ -coupled glutamine transporter	U49082	1	0	1	+		+	+	+
transportin-SR	AA024748	1	1	0	+	+	+	+	+
Transposon-derived Buster1 transposase-like protein	N32416	4	3	1	+	+	+	+	+
Treacher Collins-Franceschetti syndrome 1	U40847	2	2	0		+	+	+	+
TRF2-interacting telomeric RAP1 protein	Hs.274428	1	0	1	+	+	+	+	+
TRF-proximal protein (TRFP),	Hs.278434	3	3	0	+		+	+	

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
TRIAD3 protein	AA311371	2	2	0	+	+	+	+	+
Triggering receptor expressed on myeloid cells 1	D78812	3	2	1	+				+
triggering receptor expressed on myeloid cells 5	Hs.313343	1	1	0					
trinucleotide repeat containing 1	AA065305	1	1	0	+	+	+	+	+
trinucleotide repeat containing 11 (THR-associated protein, 230 kDa subunit)	U80742	1	1	0				+	+
Trinucleotide repeat containing 12	U80743	5	3	2	+	+	+	+	+
Trinucleotide repeat containing 15	AB014542	1	0	1	+	+	+	+	+
trinucleotide repeat containing 5	U80744	2	2	0	+	+	+	+	+
triosephosphate isomerase (TPI1)	X69723	5	5	0					
tripartite motif-containing 47	Hs.293660	1	1	0	+	+	+	+	+
TRK-fused gene	NM_006070	1	0	1	+	+	+	+	+
tropomodulin 3 (ubiquitous)	Hs.22826	1	0	1	+	+	+	+	+
tropomyosin 4	X04588	13	11	2	+	+	+	+	+
troponin C, slow	M37984	1	0	1					
TRPM-2 protein gene, exons 1,2 and 3	M63376.1	1	1	0					
TruB pseudouridine synthase-like protein 1 (TRUB1) mRNA, complete cds	AF448144.1	1	1	0	+	+	+	+	+
truncated alpha-1,3-galactosyltransferase mRNA,	Hs.97469	1	1	0	+	+	+		+
Tryptase beta 1	AA452366	3	3	0	+	+	+	+	+
tryptophan rich basic protein	Y12478	1	1	0	+	+	+	+	+
tryptophanyl-tRNA synthetase	X62570	2	1	1	+	+	+	+	+
Ts translation elongation factor, mitochondrial	AI290173	3	2	1	+	+	+	+	+
Tu translation elongation factor, mitochondrial	X84694	13	12	1	+	+	+	+	+
TUBB1 gene for human beta tubulin 1, class VI	Hs.303023	6	6	0	+		+	+	+
tuberous sclerosis 1	AF013168	1	1	0	+	+	+	+	+
tuberous sclerosis 2	X75621	1	1	0	+	+	+	+	+
Tubulin, alpha, brain-specific	X01703	1	0	1					
tubulin, alpha, ubiquitous	AF081484	20	14	6	+	+	+	+	+
tubulin, beta polypeptide	J00314	12	12	0					
tubulin, beta, 2	X02344	1	1	0					
tubulin, beta, 5	X00734	1	1	0					
tubulin-specific chaperone c	U61234	1	1	0	+	+	+	+	+
tubulin-specific chaperone d	AB023205	1	0	1	+	+	+	+	+
tubulin-tyrosine ligase	X68453	1	1	0					
tuftelin-interacting protein (TIP39),	Hs.20225	3	3	0	+	+	+	+	+
tumor differentially expressed 1	U49188	8	7	1	+	+	+	+	+
tumor endothelial marker 7-related precursor (TEM7R),	Hs.33033	1	1	0	+	+	+	+	+
Tumor metastasis-suppressor	AA283135	3	2	1	+	+	+	+	+
Tumor necrosis factor (ligand) superfamily, member 10	NM_003810	9	7	2	+	+	+	+	+
tumor necrosis factor (ligand) superfamily, member 13	AF136294	2	1	1	+	+	+	+	+
tumor necrosis factor (ligand) superfamily, member 14	AF036581	1	1	0					
tumor necrosis factor (ligand) superfamily, member 6	U08137	4	3	1	+				+
tumor necrosis factor (ligand) superfamily, member 8	L09753	2	1	1					
tumor necrosis factor receptor superfamily, member 10b	AF016266	2	2	0	+		+	+	+
tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain	AF012536	7	5	2				+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain	AF023849	1	1	0				+	
tumor necrosis factor receptor superfamily, member 12 (translocating chain-association membrane protein)	U94508	1	1	0	+	+			+
tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)	U70321	1	1	0	+	+	+	+	+
tumor necrosis factor receptor superfamily, member 1A (TNFRSF1A)	NM_001065	1	0	1	+	+	+	+	+
tumor necrosis factor receptor superfamily, member 1B	M55994	9	7	2	+	+	+	+	+
tumor necrosis factor receptor superfamily, member 6	X63717	1	1	0	+	+	+	+	+
tumor necrosis factor receptor superfamily, member 7	L24494	4	4	0					
tumor necrosis factor, alpha-induced protein 1 (endothelial) (TNFAIP1) gene, complete cds	AY065346.1	1	1	0					
tumor necrosis factor, alpha-induced protein 2	M92357	10	9	1	+	+	+	+	+
tumor necrosis factor, alpha-induced protein 3	M59465	3	3	0	+	+	+	+	+
tumor protein D52-like 2	AF004430	4	3	1	+	+	+	+	+
tumor protein p53 (Li-Fraumeni syndrome)	M14695	1	1	0	+		+	+	+
tumor protein p53-binding protein	U82939	1	1	0		+	+	+	+
tumor protein p53-binding protein, 1	AF078776	1	1	0	+	+	+	+	+
tumor protein, translationally-controlled 1; fortilin	Hs.401448	54	44	10	+	+	+	+	+
tumor rejection antigen (gp96) 1	X15187	13	11	2	+	+	+	+	+
tumor stroma and activated macrophage protein DLM-1 (DLM1),	Hs.302123	2	2	0					
Tumor suppressing subtransferable candidate 1	H12087	1	1	0	+	+	+	+	+
tumor suppressing subtransferable candidate 4, clone MGC:12673 IMAGE:3677524, mRNA, complete cds	BC006091.1	1	1	0	+	+	+	+	+
twisted gastrulation mRNA sequence	Hs.247302	1	0	1	+	+	+	+	+
TXK tyrosine kinase (TXK)	NM_003328	3	2	1				+	+
type 1 tumor necrosis factor receptor shedding aminopeptidase regulator	AB011097	2	1	1	+	+	+	+	+
TYRO protein tyrosine kinase binding protein	NM_003332	6	4	2	+	+	+		+
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	X57346	2	1	1	+	+	+	+	+
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	U54778	2	2	0	+	+	+	+	+
Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, etapolypeptide	AA258627	2	1	1	+	+	+	+	+
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide	M86400	23	15	8	+	+	+	+	+
tyrosine kinase 2	X54637	4	3	1	+	+	+	+	+
tyrosyl-tRNA synthetase	U89436	1	1	0	+	+		+	+
U1 small nuclear RNA	M14387	2	1	1					
U1 snRNP-specific protein A	M60779	1	1	0					
U2(RNU2) small nuclear RNA auxillary factor 1 (non-standard symbol)	M96982	1	1	0	+	+	+	+	+
U22 snoRNA host gene	U40580	4	2	2					
U4/U6-associated RNA splicing factor (HPRP3P), mRNA	Hs.11776	5	5	0	+	+	+	+	+
U49 small nuclear RNA	X96649	1	1	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
U5 snRNP-specific protein (220 kD), ortholog of <i>S. cerevisiae</i> Prp8p	AF092565	3	2	1	+	+	+	+	+
U5 snRNP-specific protein, 116 kD	D21163	7	5	2	+	+	+	+	+
U5 snRNP-specific protein, 200 kDa (DEXH RNA helicase family)	Z70200	3	3	0					
U6 snRNA-associated Sm-like protein	AA453273	1	1	0		+	+	+	+
U6 snRNA-associated Sm-like protein LSM7	AF182293	1	0	1	+	+	+	+	+
ubiquitin (UBN1) gene, exons 13, 14, 15, 16, 17, 18 and complete cds	AF108459	1	0	1					
Ubiquitin 1	R12851	5	3	2	+	+	+	+	+
ubiquitin 2	AB015344	2	2	0	+	+	+	+	+
ubiquinol-cytochrome c reductase (6.4kD) subunit (UQCR)	NM_006830	4	3	1	+	+	+	+	+
ubiquinol-cytochrome c reductase complex (7.2 kD);	Hs.284292	1	0	1	+	+	+	+	+
ubiquinol-cytochrome c reductase core protein II	J04973	1	1	0	+	+	+	+	+
UBIQUINOL-CYTOCHROME C REDUCTASE IRON-SULFUR SUBUNIT PRECURSOR (RIESKE IRON-SULFUR PROTEIN) (RISP) (low match)	P47985	1	1	0					
ubiquitin A-52 residue ribosomal protein fusion product 1 (UBA52),	Hs.5308	3	2	1	+	+	+	+	+
ubiquitin activating enzyme E1-like protein	AF094516	3	3	0	+	+		+	+
ubiquitin associated and SH3 domain containing, A (UBASH3A), mRNA	Hs.183924	3	2	1				+	
ubiquitin C	AB009010	7	7	0	+	+	+	+	+
ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)	M30496	1	1	0	+	+	+	+	+
ubiquitin fusion degradation 1-like	U64444	1	1	0	+	+	+	+	+
ubiquitin protein ligase	D78671	2	2	0	+	+	+	+	+
ubiquitin protein ligase E3A (human papilloma virus E6-associated protein, Angelman syndrome)	U84404	1	1	0	+	+	+	+	+
ubiquitin specific protease 10	D80012	5	4	1	+	+	+	+	+
ubiquitin specific protease 11	U44839	3	3	0	+	+	+	+	+
ubiquitin specific protease 15	AB011101	9	5	4	+	+	+	+	+
ubiquitin specific protease 16 (USP16),	Hs.99819	2	2	0		+	+	+	+
ubiquitin specific protease 19	AB020698	2	1	1	+	+	+	+	+
Ubiquitin specific protease 20	D63219	4	4	0	+	+	+	+	+
ubiquitin specific protease 22	AB028986	1	0	1	+	+	+	+	+
ubiquitin specific protease 25	AF170562	1	0	1	+	+	+	+	+
ubiquitin specific protease 3 (USP3)	NM_006537	1	0	1	+	+	+	+	+
ubiquitin specific protease 4 (proto-oncogene)	AF017305	2	2	0	+	+	+	+	+
ubiquitin specific protease 5 (isopeptidase T)	U47927	1	1	0	+	+	+	+	+
Ubiquitin specific protease 6 (Tre-2 oncogene)	NM_004505	1	0	1					
ubiquitin specific protease 7 (herpes virus-associated)	Z72499	1	1	0	+	+	+	+	+
ubiquitin specific protease 8	D29956	6	5	1	+	+	+	+	+
ubiquitin specific protease 9, X chromosome (Drosophila fat facets related) (USP9X)	NM_004652	1	0	1	+	+	+	+	+
ubiquitin-activating enzyme E1 (A1S9T and BN75 temperature sensitivity complementing)	M58028	6	4	2	+	+	+	+	+
Ubiquitin-activating enzyme E1C (homologous to yeast UBA3) (low score)	AK002159	7	4	3	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
ubiquitin-activating enzyme E1-like	L13852	2	1	1	+	+	+	+	+
ubiquitination factor E4A (homologous to yeast UFD2)	D50916	5	3	2	+	+	+	+	+
ubiquitination factor E4B (homologous to yeast UFD2)	AF043117	1	0	1	+	+	+	+	+
ubiquitin-binding enzyme E2	E12457	1	0	1					
ubiquitin-conjugating enzyme (PUBC1) mRNA, complete cds	AF317220.1	1	1	0	+	+	+	+	+
ubiquitin-conjugating enzyme E2 variant 1	U39361	3	2	1	+	+	+	+	+
ubiquitin-conjugating enzyme E2 variant 2	U62136	1	1	0	+	+	+	+	+
ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast)	AF151834	3	0	3	+	+	+	+	+
UBIQUITIN-CONJUGATING ENZYME E2-17 KD (UBIQUITIN-PROTEIN LIGASE)	Q16781	1	1	0					
ubiquitin-conjugating enzyme E2A (RAD6 (UBE2A), mRNA	NM_003336.1	1	0	1	+	+	+	+	+
ubiquitin-conjugating enzyme E2B (RAD6 homolog)	M74525	1	1	0	+	+	+	+	+
ubiquitin-conjugating enzyme E2D 3 (homologous to yeast UBC4/5)	U39318	5	2	3	+	+	+	+	+
ubiquitin-conjugating enzyme E2E 1 (homologous to yeast UBC4/5)	X92963	1	0	1	+	+	+	+	+
ubiquitin-conjugating enzyme E2G 2 (homologous to yeast UBC7)	AF032456	1	1	0	+	+	+	+	+
Ubiquitin-conjugating enzyme E2H (homologous to yeast UBC8)	Z29331	3	1	2	+	+	+	+	+
ubiquitin-conjugating enzyme E2L 3 (UBE2L3), mRNA	NM_003347.1	6	5	1	+	+	+	+	+
ubiquitin-conjugating enzyme E2L 6	AF031141	5	5	0	+	+	+	+	+
ubiquitin-like 1 (sentrin); Ubiquitin-like 1; sentrin; ubiquitin-like 1, 12kD	Hs.81424	4	2	2	+	+	+	+	+
UBIQUITIN-LIKE PROTEIN SMT3B	P55855	1	1	0					
UBX domain-containing 2	AA312110	1	1	0	+	+	+	+	+
UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2 (66%aa)	Y15014	1	1	0					
UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1	M13701	1	1	0		+	+	+	+
UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 3	Y12509	2	2	0	+	+	+	+	+
UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 4	AA443349	1	1	0	+	+	+	+	+
UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5	AI151423	2	2	0	+	+	+	+	+
UDP-Gal:betaGlcNAc beta1,3-galactosyltransferase, polypeptide 4 (B3GALT4), mRNA	NM_003782.2	1	1	0	+		+		+
UDP-glucose pyrophosphorylase 2	NM_006759	2	0	2	+	+	+	+	+
UDP-glucose:glycoprotein glucosyltransferase 1 (HUGT1)	NM_020120	1	0	1	+	+	+	+	+
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2)	X85019	2	2	0	+	+	+	+	+
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3) (non-exact 65%)	X92689	2	2	0	+	+		+	+
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7 (GalNAc-T7)	NM_017423	2	1	1	+	+	+	+	+
UDP-N-acteylglucosamine pyrophosphorylase 1	S73498	1	1	0	+		+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
UMP-CMP kinase	AF110643	4	1	3	+	+	+	+	+
inactive progesterone receptor, 23 kD	L24804	6	4	2	+	+	+	+	+
unc-51 (C. elegans)-like kinase 1 (ULK1)	NM_003565	2	1	1	+	+	+		+
uncharacterized bone marrow protein BM033	AF161405	1	0	1	+	+	+	+	+
uncharacterized bone marrow protein BM045 (BM045)	NM_018459	1	0	1	+	+	+	+	+
Uncharacterized bone marrow protein BM046	N77427	3	3	0	+	+	+	+	+
uncharacterized hematopoietic stem/progenitor cells protein MDS027	AF161418	3	2	1	+	+	+	+	+
Uncharacterized hematopoietic stem/progenitor cells protein MDS030	NM_018465	1	0	1		+	+		
Uncharacterized hypothalamus protein HCDASE	AA316489	4	4	0	+	+	+	+	+
uncharacterized hypothalamus protein HSMNP1	AA091872	1	1	0	+	+	+	+	+
Uncharacterized hypothalamus protein HT007	N36033	1	1	0	+	+	+	+	+
uncharacterized hypothalamus protein HT010	AF161421	2	1	1	+	+	+	+	+
Uncharacterized hypothalamus protein HT011	AA374854	2	2	0	+	+	+	+	+
unconventional myosin-ID (MYO1F)	U57053	5	4	1	+		+		+
Uncoupling protein 2 (mitochondrial, proton carrier)	U94592	7	4	3					
unidentified mRNA, partial sequence, mRNA sequence	Hs.159901	1	0	1			+		
Unknown (protein for IMAGE:4447884)	AAH20595	1	1	0					
Unknown (protein for IMAGE:4553050)	Hs.381710	1	0	1					
Unknown gene product	AC003007	1	0	1					
unknown protein IT14	AF040966	2	1	1	+	+	+	+	+
unnamed protein product	BAA91330	1	0	1					
unnamed protein product	BAA91759	1	0	1					
Unr-interacting protein	AA232061	1	1	0	+	+	+	+	+
upregulated by 1,25-dihydroxyvitamin D-3	S73591	118	94	24	+	+	+	+	+
upstream binding transcription factor, RNA polymerase I	X53461	1	1	0	+	+	+	+	+
USF1 gene, =Upstream transcription factor 1	AB017568.1	7	3	4	+				+
utrophin (homologous to dystrophin)	X15488	2	2	0	+	+	+	+	+
UV radiation resistance associated gene	X99050	2	2	0					
vaccinia related kinase 2	AB000450	1	1	0		+	+	+	+
vacuolar H-ATPase subunit D (VATD)	AF104629	2	0	2	+	+	+	+	+
vacuolar protein sorting 11 (yeast homolog) (VPS11),	Hs.234282	2	2	0	+		+	+	+
vacuolar protein sorting 16 (yeast homolog) (VPS16)	Hs.302441	3	3	0	+	+	+	+	+
Vacuolar protein sorting 29 (yeast homolog)	H56226	1	0	1	+	+	+	+	+
vacuolar protein sorting 35 (yeast) (VPS35), mRNA	NM_018206.2	3	2	1	+	+	+	+	+
vacuolar protein sorting 41 (yeast homolog)	U87309	1	1	0	+		+	+	+
vacuolar protein sorting protein 18 (VPS18) mRNA,	Hs.23876	1	1	0	+		+	+	+
v-akt murine thymoma viral oncogene homolog 1	M63167	2	2	0	+	+	+	+	+
v-akt murine thymoma viral oncogene homolog 2	M77198	1	0	1	+	+	+	+	+
valyl-tRNA synthetase 2	M98326	1	1	0	+	+	+	+	+
vanin 1	AJ132099	3	1	2			+	+	+
vascular Rab-GAP/TBC-containing (VRP)	NM_007063	2	1	1	+	+	+	+	+
vasodilator-stimulated phosphoprotein	Z46389	5	4	1	+	+		+	+
vav 1 oncogene	M59834	1	1	0					
vav 2 oncogene	S76992	1	1	0	+				
v-crk avian sarcoma virus CT10 oncogene homolog	D10656	2	2	0	+	+	+	+	+
VDUP protein gene, promoter region and partial cds	AF333001.1	5	5	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 3	M29366	1	1	0	+	+	+	+	+
vesicle amine transport protein 1 (VAT1), mRNA	NM_006373.2	1	1	0	+	+	+	+	+
vesicle docking protein p115 (P115),	Hs.325948]	2	2	0	+	+	+	+	+
vesicle transport-related protein (RA410) (=U56787;U35364 r-sly1)	D79221	2	1	1					
vesicle-associated membrane protein 1 (synaptobrevin 1)	M36200	3	2	1					
vesicle-associated membrane protein 3 (cellubrevin)	U64520	2	1	1	+	+	+	+	+
vesicle-associated membrane protein 8 (endobrevin)	AF053233	1	0	1	+	+	+	+	+
v-ets avian erythroblastosis virus E26 oncogene homolog 2	X55181	1	0	1	+	+	+	+	+
V-ets erythroblastosis virus E26 oncogene homolog 1 (avian)	BC017314.1	1	1	0	+	+	+	+	+
v-fos FBJ murine osteosarcoma viral oncogene FBJ murine osteosarcoma viral (v-fos) oncogene (oncogene FOS)	Hs.25647	3	0	3	+	+	+	+	+
v-fos FBJ murine osteosarcoma viral oncogene homolog	V01512	52	37	15					
Villin 2 (ezrin)	NM_003379	5	3	2	+	+	+	+	+
villin-like	D88154	1	1	0					+
vimentin	X56134	24	13	11	+	+	+	+	+
Vinculin	NM_003373	6	5	1	+	+	+	+	+
vinexin beta (SH3-containing adaptor molecule-1)	AF037261	1	1	0	+	+	+	+	+
vitamin A responsive; cytoskeleton related	AF070523	11	8	3	+	+	+	+	+
vitamin D receptor	AB002168	1	0	1					
v-maf musculoaponeurotic fibrosarcoma (avian) oncogene family, protein G	U84249	1	0	1	+	+	+	+	+
v-maf musculoaponeurotic fibrosarcoma (avian) oncogene homolog	AF055376	1	1	0	+	+	+	+	+
v-myb avian myeloblastosis viral oncogene homolog	U22376	2	2	0					
voltage-dependent anion channel 1	L06132	1	1	0	+	+	+	+	+
Voltage-dependent anion channel 3	NM_005662	6	5	1	+	+	+	+	+
von Hippel-Lindau syndrome	AF010238	2	2	0					
von Willebrand factor	X06828	1	1	0	+	+	+	+	+
VPS28 protein	AF067420	10	10	0	+	+	+	+	+
VPS4-2 ATPase (VPS42) mRNA, complete cds	Hs.126550]	2	2	0	+	+	+	+	+
v-raf murine sarcoma 3611 viral oncogene homolog 1	X04790	7	7	0	+	+	+	+	+
v-raf-1 murine leukemia viral oncogene homolog 1	X03484	1	1	0	+	+	+	+	+
v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)	M35416	4	2	2	+	+	+	+	+
v-rel avian reticuloendotheliosis viral oncogene homolog A (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 (p65))	L19067	1	1	0	+	+	+	+	+
VRK3 for vaccinia related kinase 3	AA421672	5	5	0	+	+	+	+	+
v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	M16038	2	2	0	+	+	+	+	+
WAS protein family, member 1	Q92558	1	1	0	+			+	+
WAS protein family, member 2	AA205884	2	2	0	+	+	+	+	+
WD repeat domain 1	AF020056	5	2	3	+	+	+	+	+
WD repeat domain 11 protein (WDR11 gene)	Hs.10177	2	2	0	+	+	+	+	+

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
WD repeat domain 3	AF083217	1	0	1	+	+	+		+
WD repeat domain 5 (WDR5),transcript variant 1	Hs.323518	1	1	0	+	+	+	+	+
WD repeat domain 6	AA558391	1	1	0	+	+	+	+	+
WD repeat domain 9	AA236647	3	2	1	+	+	+	+	+
WD-repeat protein (HAN11)	NM_005828	4	3	1	+	+	+	+	+
Williams-Beuren syndrome chromosome region 1	D26068	21	19	2	+	+	+	+	+
Williams-Beuren syndrome chromosome region 14	H72566	1	1	0			+	+	+
Williams-Beuren syndrome chromosome region 5	NM_014146	3	2	1	+	+			+
Wilms' tumour 1-associating protein	D14661	1	1	0	+	+	+	+	+
Wiskott-Aldrich syndrome protein interacting protein (WASPIP)	NM_003387	8	6	2	+	+	+		+
WW Domain-Containing Gene	AA171865	1	1	0	+	+	+	+	+
WW-domain binding protein 2	U40826	1	1	0	+	+	+	+	+
x 006 protein (MDS006),	Hs.47668	1	1	0	+	+	+	+	+
X-box binding protein 1(XBP1)	NM_005080	1	0	1	+	+	+	+	+
xeroderma pigmentosum, complementation group C	D21089	4	4	0	+	+	+		+
XIAP associated factor-1	X99699	2	2	0				+	+
XLCL2 protein	Z14122	1	1	0	+		+		
X-linked anhidrotic ectodermal dysplasia	AF003528	1	1	0					
XPA binding protein 1; putative ATP(GTP)-binding protein	AJ010842	3	3	0	+	+	+	+	+
XPGC	X71341	1	1	0					
XPMC2 protein (LOC57109),	Hs.235376	4	4	0	+		+	+	+
X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining; Ku autoantigen, 80kD)	J04977	2	1	1	+	+	+	+	+
xylosyltransferase II (XT2),	Hs.32117	3	2	1					+
Y317 gene	X79038.1	1	0	1					
YDD19 protein	AA770272	1	1	0	+	+	+	+	+
Yeast Sec31p homolog	AA295674	5	5	0	+	+	+	+	+
Y-linked zinc finger protein (ZFY) gene, complete cds	AF114156.1	1	1	0					
YME1 (S.cerevisiae)-like 1	AK001259	8	5	3	+	+	+	+	+
zeta-chain (TCR) associated protein kinase (70 kD)	L05148	4	4	0			+		
ZFR Zinc finger RNA binding protein, putative zinc finger protein (ZFR gene)	AJ314790.1	4	2	2	+	+	+	+	+
ZHX1 protein (ZHX1) =zinc-fingers and homeoboxes 1	AF195766.1	1	1	0	+	+	+	+	+
zinc finger gene ZNF2 (low match)	X60152	1	1	0	+		+		+
zinc finger homeobox 1B	AB011141	2	2	0	+	+	+	+	+
zinc finger protein (Hs.301956)	U69274	2	2	0	+	+	+	+	+
zinc finger protein (HZF6) (non-exact 71%)	AF027513	1	1	0	+	+		+	+
zinc finger protein 10 (KOX 1)	X78933	2	1	1	+	+		+	+
Zinc finger protein 106	AK024726	2	1	1	+	+	+	+	+
zinc finger protein 124 (HZF-16)	S54641	1	1	0				+	+
ZINC FINGER PROTEIN 124 (HZF-16) (non-exact 51%)	Q15973	1	1	0				+	+
Zinc finger protein 131 (clone pHZ-10)	AA806306	1	1	0	+	+	+	+	+
ZINC FINGER PROTEIN 133	P52736	1	1	0					
ZINC FINGER PROTEIN 135 (non-exact 59%)	P52742	1	1	0					
zinc finger protein 136 (clone pHZ-20)	U09367	1	1	0		+			
zinc finger protein 140 (clone pHZ-39)	S66508	5	5	0					
zinc finger protein 143 (clone pHZ-1)	U09850	3	3	0					

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
zinc finger protein 145 (Kruppel-like, expressed in promyelocytic leukemia)	AF060568	2	1	1					
zinc finger protein 146	X70394	4	3	1	+	+	+	+	+
zinc finger protein 147 (estrogen-responsive finger protein)	D21205	1	1	0				+	
zinc finger protein 148 (pHZ-52)	AF039019	2	1	1		+	+	+	+
zinc finger protein 151 (pHZ-67)	Y09723	2	2	0	+	+	+	+	+
zinc finger protein 155 (pHZ-96)	U09852	1	1	0	+		+	+	+
zinc finger protein 162	4759339	1	0	1	+	+	+	+	+
zinc finger protein 173	U09825	3	2	1					
zinc finger protein 175	D50419	1	1	0	+	+	+	+	+
zinc finger protein 184 (Kruppel-like) (ZNF184), mRNA	XM_040906.2	1	1	0					
zinc finger protein 185 (LIM domain)	Y09538	1	1	0	+	+	+	+	+
zinc finger protein 192 (non-exact, 66%)	U57796	2	2	0					
zinc finger protein 197	AF011573	1	1	0					+
zinc finger protein 198	AJ224901	2	1	1	+	+	+	+	+
zinc finger protein 200	AF060866	2	2	0	+	+	+	+	+
zinc finger protein 202	AF027219	1	0	1	+	+	+	+	+
zinc finger protein 207	AF046001	11	10	1	+	+	+	+	+
zinc finger protein 208 (non-exact, 52%)	AC003973	1	1	0					
zinc finger protein 211	U38904	4	3	1		+	+	+	
zinc finger protein 216	AF062347	3	2	1	+	+	+	+	+
zinc finger protein 217	AF041259	1	1	0		+	+	+	+
Zinc finger protein 22 (KOX 15)	NM_006963	2	1	1	+	+	+	+	+
zinc finger protein 220	U47742	2	2	0	+	+	+	+	+
zinc finger protein 230	U95044	1	1	0		+		+	
zinc finger protein 239	L26914	1	1	0					
zinc finger protein 261	AB002383	1	1	0	+	+	+	+	+
zinc finger protein 262	AB007885	2	1	1	+	+	+	+	+
zinc finger protein 263	D88827	1	1	0	+	+	+		+
Zinc finger protein 264	N50396	2	2	0	+				
zinc finger protein 265(ZNF265), mRNA	XM_032085.2	1	1	0					
zinc finger protein 278 (ZNF278), transcript variant 4, mRNA	NM_032051.1	1	1	0	+	+	+	+	+
Zinc finger protein 281,zinc finger protein, 3115 BP	AJ132592.1	1	1	0	+	+	+	+	+
zinc finger protein 282	D30612	1	1	0		+	+	+	+
Zinc finger protein 294	N89877	2	1	1		+	+	+	+
zinc finger protein 297	AA085230	1	1	0	+	+	+	+	+
Zinc finger protein 3 (A8-51)	R10205	1	1	0	+	+	+	+	+
zinc finger protein 313, clone MGC:9801 IMAGE:3858611, mRNA,	Hs.10590	1	0	1	+	+	+	+	+
zinc finger protein 32 (KOX 30)	U69645	1	1	0	+	+	+	+	+
Zinc finger protein 331; zinc finger protein 463	AA312229	3	3	0	+	+		+	+
zinc finger protein 33a (KOX 31)	U56732	2	2	0					
zinc finger protein 41 (non-exact 57%)	X60155	1	1	0	+	+	+		
zinc finger protein 42 (myeloid-specific retinoic acid-responsive)	M58297	1	1	0	+	+	+	+	+
zinc finger protein 43 (HTF6) (low match)	X59244	5	5	0			+		+
zinc finger protein 45 (a Kruppel-associated box (KRAB) domain polypeptide)	L75847	1	1	0			+		

Table 2. Comparison of ~ 5,140 Unique Genes Identified in the Blood Cell cDNA Libraries to Genes Identified in Specific Tissues. Ad=adult, Um=umbilical cord, Br=brain, Ht=heart, Ki=kidney, Li=liver, Lu=lung

Gene Description	Accession No.	Blood EST No.			Tissue Distribution				
		Total	Ad	Um	Br	Ht	Ki	Li	Lu
ZINC FINGER PROTEIN 46 (ZINC FINGER PROTEIN KUP) (non-exact 62%)	P24278	1	1	0					
zinc finger protein 6 (CMPX1)	X56465	5	5	0	+				+
zinc finger protein 74 (Cos52) (non-exact, 67%)	X71623	1	1	0	+				+
zinc finger protein 76	M91592	2	2	0	+	+	+	+	+
Zinc finger protein 83 (HPF1)	AA332080	3	3	0	+	+	+		+
zinc finger protein 84 (HPF2)	M27878	1	1	0	+	+	+	+	+
zinc finger protein 85 (HPF4, HTF1)	U35376	2	2	0		+	+		+
zinc finger protein 9 (a cellular retroviral nucleic acid binding protein)	M28372	13	11	2	+	+	+	+	+
ZINC FINGER PROTEIN 93 (=ZINC FINGER PROTEIN HTF34) (non-exact 70%)	P35789	1	1	0					
zinc finger protein clone L3-4	AF024706	1	1	0			+		
zinc finger protein homologous to Zfp-36 in mouse	M92843	11	6	5	+	+	+	+	+
ZINC FINGER PROTEIN HRX (ALL-1) (71%a.a.)	Q03164	1	1	0					
zinc finger protein HZF4	X78927	1	1	0				+	+
zinc finger protein, subfamily 1A, 1 (Ikaros)	U40462	7	7	0	+			+	+
zinc metalloproteinase, STE24 (yeast, homolog)	AF064867	1	1	0	+	+	+	+	+
zinc/iron regulated transporter-like	AF132942	1	0	1	+	+	+	+	+
zinc-finger DNA-binding protein	D45132	2	1	1	+	+	+	+	+
Zinedin	AI186511	2	2	0	+	+	+	+	+
ZNF01 and HUMORFKG1B genes, partial sequence, complete sequence	AF205588.1	1	1	0					
ZNF80-linked ERV9 long terminal repeat	X83497	1	1	0					
zuotin related factor 1	X98260	1	1	0		+	+	+	+
ZW10 (Drosophila) homolog, centromere/kinetochore protein	U54996	2	2	0	+	+	+	+	+
ZW10 interactor	AF067656	1	1	0	+		+	+	+
zyxin (ZYX)	NM_003461	8	4	4	+	+	+	+	+